ALLIED

ELECTRONICS FOR EVERYONE 1969

OUR 48TH YEAR · CATALOG 280 · INDEX PAGE 451

SATISFACTION
GUARANTEED OR
YOUR MONEY BACK

SEE PAGE 450

ALLIED RADIO

100 N. WESTERN AVE. · CHICAGO, ILL. 60680 · HA 1-6800 (AREA CODE 312)

Garrard Synchro-Lab Automatic Turntables

Garrard
SYNCHRO-LAB
SYNCHRONOUS SPEED

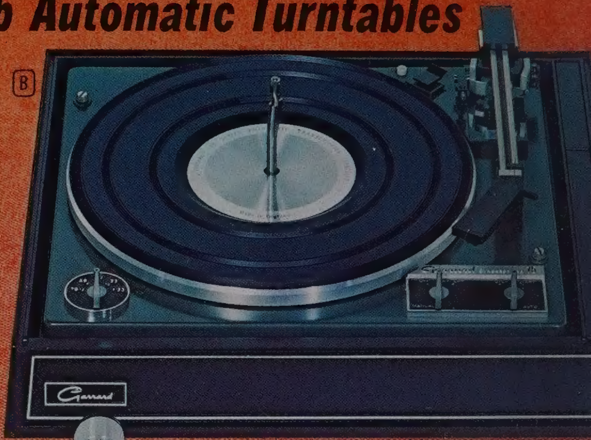
WORLD-FAMOUS GARRARD PRECISION CRAFTSMANSHIP PLUS PERFECT SPEED

Performance-Proven Synchro-Lab Motor

Only Garrard combines the advantages of synchronous and induction-type motors to bring you the ideal combination of precision and power—the Synchro-Lab motor! You get constant and perfectly accurate turntable speed, regardless of variations in line voltage or number of records on the platter.

Shown on B-2 base

B



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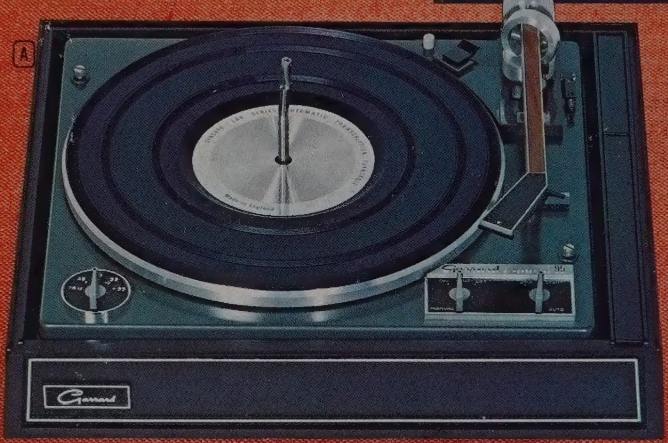

only 1¢ more

Choice of Elliptical Cartridge

Empire 888E Reg. $39.95	Pickering V15/ATE-3 Reg. $39.95	Shure M93E Reg. $39.95

only $5 more

Choice of Deluxe Elliptical

Empire 888TE Reg. $49.95	Pickering XV15/AME Reg. $49.95	Shure M91E Reg. $49.95

Garrard Synchro-Lab Automatic Turntables—with Stereo Cartridge Sale

Garrard SL95 with Deluxe Empire 999VE Super-Elliptical Stereo Cartridge

only $25 more

Save $49.95. Connoisseur's choice! Empire's finest, Garrard's finest. 999VE with SL95 turntable. 13 lbs.
13 C0083 DU. 154.50

999VE Cartridge Alone.
13 C 3976 S....74.95

A Superb SL95 3-Speed Turntable

With Elliptical Cartridge	With Deluxe Elliptical	SL95 Alone
$\$129^{51}$	$\$134^{50}$	$\$129^{50}$

Save $39.94. Acclaimed by experts—finest Garrard ever! Boasts perfect-speed Synchro-Lab motor, adjustable counterweight, combined manual and cuing controls, stylus force dial, ultra-low mass pickup arm, gimballed needle pivots. Automatic or manual operation, 33⅓, 45, 78 rpm. Less base, 45-rpm auto. spindle. Choose Empire 888E, Pickering V15/ATE-3 or Shure M93E stereo elliptical cartridge—**specify.** Shpg. wt. 13 lbs.
13 C 0081 CDU. *$7 Monthly*.......129.51

SL95 Automatic Turntable with Deluxe Stereo Elliptical Cartridge for $5 More. *Save $44.95.* Empire 888TE, Pickering XV15/AME or Shure M91E—**specify.** Shpg. wt., 13 lbs.
13 C 0082 CDU. *$7 Monthly*........134.50

13 C 3061 U. SL95 Alone. 13 lbs......129.50

B Deluxe SL75 3-Speed Turntabl

With Elliptical Cartridge	With Deluxe Elliptical	SL75 Alone
$\$109^{51}$	$\$114^{50}$	$\$109^{50}$

Save $39.94. Deluxe three-speed automati turntable boasts incredibly smooth, rumble free operation. Features the Synchro-La motor for perfect speed, twin-braced aluminum arm, Auto-Rise safety record platform cuing, interchangeable cartridge clip. Single play spindle rotates with record. Less base 45-rpm automatic spindle. Empire 888E Pickering V15/ATE-3 or Shure M93E stere elliptical cartridge—**specify.** 13 lbs.
13 C 0084 CDU. *$6 Monthly*.......109.51

SL75 Automatic Turntable with Deluxe Stere Elliptical Cartridge for $5 More. *Save $44.95* Empire 888TE, Pickering XV15/AME o Shure M91E—**specify.** Shpg. wt., 13 lbs.
13 C 0085 CDU. *$6 Monthly*........114.5

13 C 3062 U. SL75 Alone. 13 lbs......109.5

SEE PAGES 56-59 FOR DETAILS ON THE COMPLETE LINE OF GARRARD TURNTABLES AND ACCESSORIES

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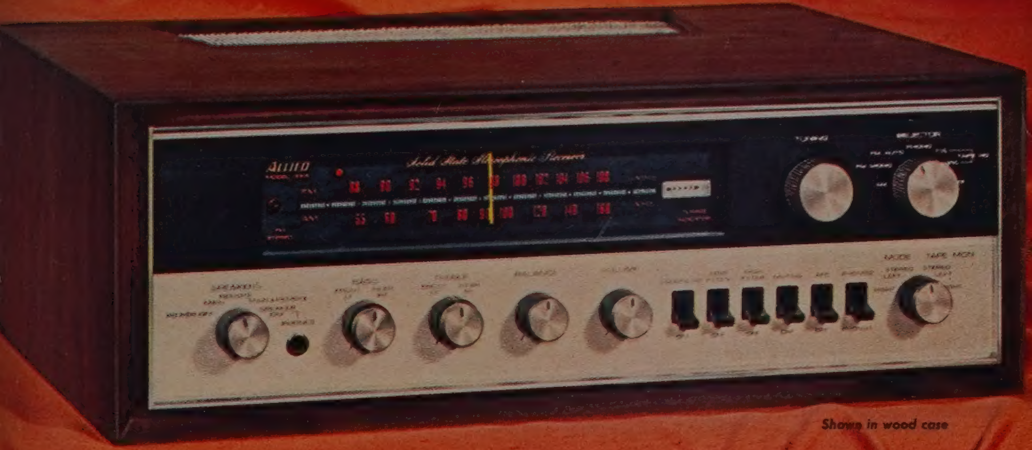
NEW ALLIED
STEREO RECEIVER

Finest Allied Receiver Ever! Magnificent 160-Watt Model 395



Shown in wood case

ALLIED 395 Solid-State Stereo FM-AM Receiver

$299⁹⁵ With Metal Case

$15 monthly

- Four Integrated Circuits in IF Stage for Superior Sensitivity and Outstanding Stereo Separation
- Field-Effect-Transistor in FM Front-End
- Automatic All-Electronic Stereo-Mono FM Switching

The finest Allied hi-fi receiver ever offered. Gives you the newest features for superb performance, at the lowest possible price. Field-Effect-Transistor front-end for perfect reception of even weak signals. Four integrated circuits in the IF stages for outstanding selectivity. Tremendous 160-watt power drives any speaker systems to magnificent stereo. Transformerless output for full-range response. Wideband AM performance, too.

Between-station muting lets you tune a desired station from a background of silence, not noise. Solid-state protection circuits for output transistors. Virtually shortproof plug-in speaker connectors. Illuminated D'Arsonval tuning meter, stereo indicator light, flywheel tuning. Tape Monitor switch combines Stereo/Individual-Channel Selector for added versatility.

Inputs for magnetic (two) or ceramic phono, tape deck, tape transport (equalization switch for 7½, 3¾ ips), and TV. Front-panel stereo headphone jack. AM, FM antennas. With metal case; optional wood case below. 5½x16x13¾". 110-120 V 50-60 Hz AC. Japan. Shpg. wt., 30 lbs.

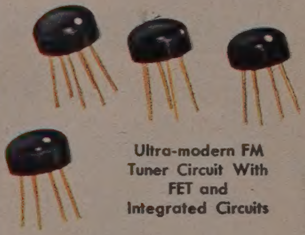
14 C 5074 U. *$15 Monthly*	299.95
14 C 5003 X. Oiled Walnut Wood Case. Shpg. wt., 6 lbs.	19.95

SPECIFICATIONS

AMPLIFIER CIRCUIT. *Power Output:* 160 watts IHF at 4 ohms; 55 watts rms per channel at 4 ohms. *Response:* ±1.5 dB, 15-100,000 Hz. *Harmonic Distortion:* 1%. *Hum and Noise:* Magnetic Phono, −80 dB; Aux., −90 dB. *Inputs:* mag. (2), ceramic phono; tape head; tape monitor; aux. *Outputs:* 4-16 ohms, headphones, recorder. **TUNER CIRCUIT. FM Section.** *IHF Sensitivity:* 1.4μV. *Harmonic Distortion:* 0.8%. *Separation:* over 35 dB. *Signal-to-Noise Ratio:* 69 dB. *Capture Ratio:* 0.95 dB. **AM Section.** *Sensitivity:* 5 μV. **GENERAL.** *Controls:* Power On/Off, Bass, Treble, Volume, Balance, Selector (AM, FM Mono, FM Auto, Phono, Tape Head, Aux), Speaker Selector (Main, Remote, Main and Remote, Off), Ch. Selector/Tape Monitor, Loudness, AFC, Tuning, High and Low Filters. *Semiconductors:* 71 plus 4 integrated circuits.

CHECK THESE DELUXE QUALITY FEATURES

"Shortproof" Plug-in Speaker Connectors are Polarized, Have Neoprene Cover


Ultra-modern FM Tuner Circuit With FET and Integrated Circuits

SPEAKERS
PHONES
Speaker Selector Switch and Front-Panel Stereo Headphone Jack

Stereo Systems with ALLIED 160-Watt Receiver

Shown in walnut case

Save $175.30 **$549.95** **$23 monthly**

Our Finest 160-Watt Stereo FM-AM-Phono System

Separately, $725.25. Superb components for unsurpassed stereo. **Allied 395 160-Watt Solid-State Stereo FM-AM Receiver** is the finest Allied receiver ever! Loaded with super-deluxe features. With metal case; optional wood case, right. **Garrard SL95 3-Speed Automatic Turntable.** Finest Garrard ever! Synchro-Lab motor for perfect speed. **With Base and Pickering XV15/AME Deluxe Stereo Elliptical Cartridge. Two Allied 2370 3-Way 12" Acoustic-Suspension Speaker Systems.** 12" woofer, midrange, tweeter. Walnut. Cables, hi-fi booklet.
14 C 0098 D5Z. Shpg. wt., 149 lbs. *$23 Monthly*............549.95

Special ALLIED 395 Solid-State Stereo FM-AM-Phono Music System

- **Delivers Tremendous 160-Watt Power Output**
- **Provides Complete Mastery of Every Source**

Separately, $615.25. Exciting selection of perfectly matched components provides exceptional performance,plus big savings. First-quality stereo system offers astonishingly true-to-life reproduction of records as well as full-fidelity stereo FM and brilliant, clear AM reception.

New Allied 395 160-Watt Solid-State Stereo FM-AM Receiver. Boasts sensitive FET front-end. Four IC's in IF stage for outstanding selectivity. Transformerless output assures full-range response, wideband AM performance too. Full array of controls and inputs for mastery of every music source. With metal case; optional walnut wood case below.

Garrard SL75 3-Speed Automatic Turntable. Features Synchro-Lab motor for perfect speed. Anti-skating control, stylus force assembly, combined speed and record size selector, combined manual and cuing controls. Automatic or manual operation. **With Base and Shure M91E Stereo Elliptical Cartridge.** Diamond stylus. Light tracking.

Two Allied 2330A 3-Way Speaker Systems. 12" cloth-roll suspension woofer, 8" cone-type midrange, 3½" cone tweeter. Response, 30-18,000 Hz. Oiled walnut finish. With cables, hi-fi booklet. Wt., 129 lbs.
14 C 0095 D5Z. *$20 Monthly*........459.95
14 C 5003 X. Oiled Walnut Case. 6 lbs...19.95

Shown in walnut case

Save $165.30 **$499.95** **$21 monthly**

Deluxe New 160-Watt Stereo FM-AM-Phono System

Separately, $665.25. This system will delight even the most critical listener. **Allied 395 160-Watt Solid-State Stereo FM-AM Receiver** pours out 300-watt peak power for spectacular stereo. With metal case; optional wood case, right. **Garrard SL75 3-Speed Automatic Turntable.** Synchro-Lab motor, low-mass pickup arm, adjustable counterweight. **With Base and Empire 888TE Deluxe Stereo Elliptical Cartridge. Two Allied 2300C 3-Way 12" Speaker Systems.** Woofer, midrange horn, compression tweeter. Walnut. Cables, hi-fi booklet.
14 C 0097 D5Z. Shpg. wt., 147 lbs. *$21 Monthly*............499.95

Value-Priced ALLIED 395 160-Watt Stereo FM-AM-Phono Music System

- **Tape Recording and Monitoring Facilities**
- **Matched Components for Finest Performance**

Separately, $544.25. Money-saving system delivers full-fidelity stereo from any source. Offers breathtaking stereo FM realism as well as crystal-clear mono FM and AM. Reproduces your favorite records with such true-to-life clarity you'll think you're hearing a live performance.

New Allied 395 160-Watt Solid-State Stereo FM-AM Receiver. Includes full tape recording and monitoring facilities. Output transistor protection circuit. Shortproof plug-in speaker connectors. Illuminated tuning meter, stereo indicator light. Slide-rule dial with smooth flywheel tuning. With metal case; optional walnut case below.

Garrard SL65 4-Speed Automatic Turntable. Boasts perfect-speed Synchro-Lab motor. Cuing and pause control. Stylus pressure adjustment. Anti-skate compensation. Dynamically-balanced tubular low-mass pickup arm. Automatic or manual operation. Two spindles. Automatic intermix. Oversized platter. **With Base and Pickering V15/ACE-3 Stereo Elliptical Cartridge.** Diamond stylus.

Two Allied 3030B 3-Way Speaker Systems. 12" woofer, 6" midrange, 3½" tweeter. Response, 35-17,000 Hz. Oiled walnut finish. With cables, hi-fi booklet. Wt., 104 lbs.
14 C 0096 D5Z. *$18 Monthly*........399.95
14 C 5003 X. Oiled Walnut Case. 6 lbs...19.95

For Complete Specifications on Allied 395 Receiver See Page 7

Shown in walnut case
Save $155.30
$459.95
$20 monthly

Shown in walnut case
Save $144.30
$399.95
$18 monthly

Systems Are Ready to Play—Complete with All Cables; Hi-Fi Booklet

ALLIED® 395 160-Watt Stereo Music Systems

Shown in walnut case

Save $148.85 $429⁹⁵ $19 monthly

Feature-Packed Stereo FM-AM-Phono System

- Tremendous 160-Watt Output
- Garrard Automatic Turntable
- Three-Way 12" Speaker Systems

Separately, $578.80. This choic selection of components assur exceptional stereo realism. Allie **395 160-Watt Solid-State Stere FM-AM Receiver.** Loaded with fine features for superlative perfo mance. Controls and inputs fo every music source. With meta case; optional wood case below.

Garrard SL65 4-Speed Automat Turntable. Synchro-Lab motor. Cu ing, stylus pressure adjustmen two spindles. **With Base and Shur M44E Stereo Elliptical Cartridge.**

Two Allied 2260A Assembled 3-Wa Speaker Systems. 12" woofer, 8 midrange, compression tweete Oiled walnut finish. With cable hi-fi booklet. 126 lbs.

14 C 0114 D5Z. *$19 Mo.*...**429.9**

14 C 5003 X. Wood Case. 6 lbs. 19.9

Shown in walnut case

Save $134.30 $399⁹⁵ $18 monthly

Special-Value Stereo FM-AM-Phono System

Separately, $534.25. Selected components featuring the **Allied 395 160-Watt Solid-State Stereo FM-AM Receiver.** FET front-end, transformerless output. With metal case; optional walnut case above. **Garrard SL55 4-Speed Automatic Turntable.** Synchro-Lab motor, low-mass arm, cuing. **With Base and Empire 888E Stereo Elliptical Cartridge. Two Allied 3030B 3-Way Speaker Systems.** 12" woofer, 6" midrange, 3½" tweeter. Walnut. With cables, hi-fi booklet

14 C 0100 D5Z. Shpg. wt., 102 lbs. *$18 Monthly*...**399.95**

Save $118.85 $359⁹⁵ $17 monthly

Value-Priced Stereo FM-AM-Phono System

Separately, $478.80. Excellent system includes **Allied 395 160-Watt Solid-State Stereo FM-AM Receiver.** Tremendous power plus astonishing tonal purity. With metal case; optional wood case above. **Garrard SL55 4-Speed Automatic Turntable.** Anti-skating compensation, stylus pressure adjustment. **With Base and Shure M44E Stereo Elliptical Cartridge. Two 3005A Allied 3-Way Speaker Systems.** 10" woofer, 6" midrange, 3½" tweeter. Walnut. With cables.

14 C 0099 D5U. Shpg. wt., 87 lbs. *$17 Monthly*....**359.95**

ALLIED Stereo FM-AM-Phono-Tape Systems

Connoisseur's Choice Stereo FM-AM-Phono-Tape System

Save \$170.30 $\$649^{95}$ **\$27 monthly**

Separately, \$820.25. Spectacular value! Finest components for every source of stereo—FM, records, and tape! Magnificent new **Allied 395 160-Watt Solid-State Stereo FM-AM Receiver** is the heart of this super-system. Provides power to spare for true-to-life stereo FM and sharp, clear mono FM and AM. With metal case; optional wood walnut case below.

Deluxe Allied TD-1030 3-Speed Stereo Tape Deck. Records and plays 4-track stereo and mono. Tape lifters protect parabolic heads. Two level meters, digital counter, automatic shutoff. Built-in stereo headphone amplifier. Vertical or horizontal operation. With walnut-veneer wood case, 7" takeup reel.

Superb Garrard SL95 3-Speed Automatic Turntable. Garrard's finest! Synchro-Lab motor, ultra-low-mass wood arm, cuing, anti-skating control, stylus force dial, full 12" platter, rotating single play spindle. Automatic or manual operation. **With Base and Deluxe Empire 888TE Super-Elliptical Stereo Cartridge.**

Two Allied 2300C 3-Way Acoustic-Suspension Speaker Systems. High-compliance 12" woofer; compression midrange with diffraction horn; compression tweeter, ring radiator. Oiled walnut. With cables, hi-fi booklet. Shpg. wt., 175 lbs.

14 C 0115 D6Z. *\$27 Monthly*. 649.95

14 C 5003 X. Walnut Case. 6 lbs. 19.95

Specially-Selected Stereo FM-AM-Phono-Tape System

Save \$138.85 $\$539^{95}$ **\$23 monthly**

Separately, \$678.80. Exceptional power, performance and versatility are yours to command with this deluxe component system. **New Allied 395 160-Watt Solid-State Stereo FM-AM Receiver** has full tape recording and monitoring facilities. Equalization switch for 7½ and 3¾ ips. With metal case; optional wood case above.

Deluxe Allied TD-1030 3-Speed Stereo Tape Deck. Capacitor-start motor for smooth, powerful performance. Fold-down panel conceals recording controls and mike inputs. Single-knob function control with instant stop. With walnut-veneer wood base, 7" takeup reel.

Garrard SL65 4-Speed Automatic Turntable. Synchro-Lab motor; cuing; tubular, dynamically-balanced pickup arm; automatic intermix. Two spindles; automatic or manual operation. **With Base and Shure M32E Stereo Elliptical Cartridge.**

Two Allied 3030B 3-Way Speaker Systems. 12" woofer, 6" midrange, 3½" tweeter. Oiled walnut. With all cables, hi-fi booklet. Shpg. wt., 132 lbs.

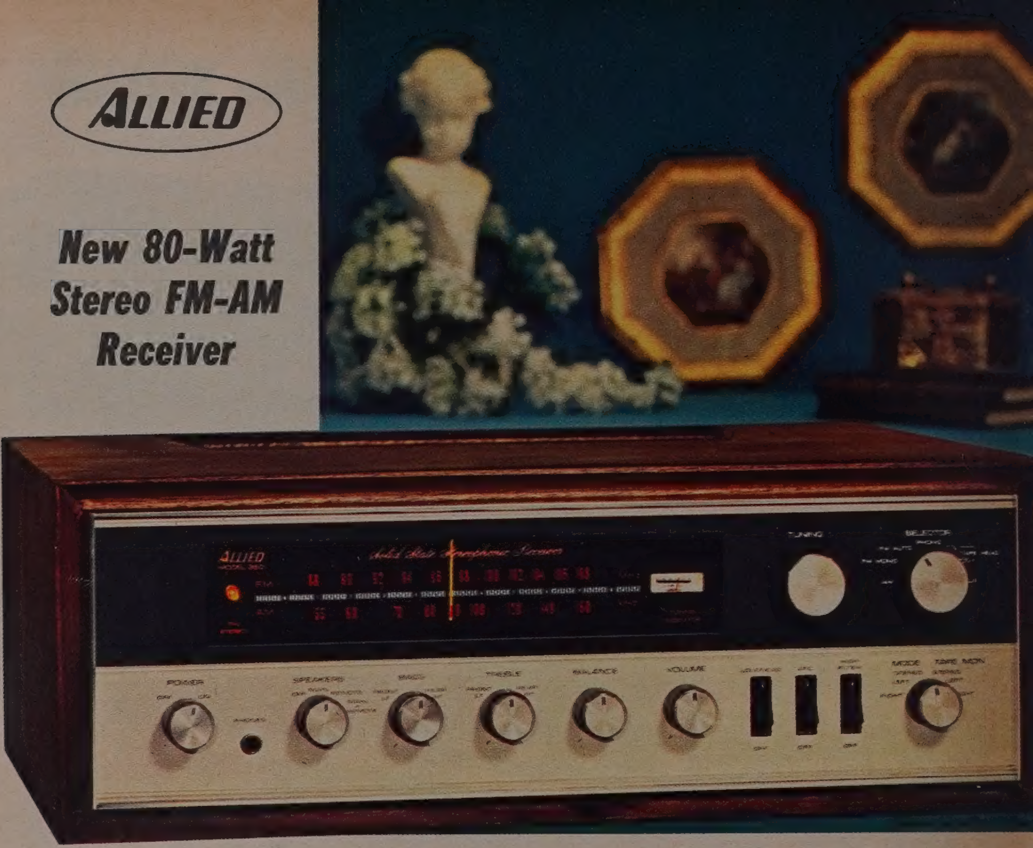
14 C 0116 D6Z. *\$23 Monthly*. 539.95

Quality Matched Components for Top Performance from Every Stereo Source
Shown in walnut case

Order the Stereo System You Want Now—Use Your Allied Credit Fund

ALLIED

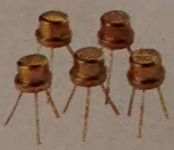
New 80-Watt Stereo FM-AM Receiver



CHECK THESE DELUXE QUALITY FEATURES

"Shortproof" Plug-In Speaker Connectors with Neoprene Cover

Automatic All-Electronic Schmidt FM-Stereo Switching Circuit



Integrated Circuits plus FET Front-End

ALLIED 380 Solid-State 80-Watt Stereo FM-AM Receiver

$249.95 With Metal Case

$13 monthly

- Advanced Circuit Includes Four Integrated Circuits
- Field-Effect-Transistors in Extra-Sensitive Front-End
- Transformerless Output for Wide Frequency Response
- Complete Control and Input Facilities for Every Source

Deluxe in every detail, the new Allied 380 offers performance, features and styling to make it a tremendous value. Delivers 160 peak watts of power for stereo sound of extraordinary realism and beauty. 61-semiconductor circuit includes newest design features. Four integrated circuits in super-selective IF stage. Field-Effect-Transistors in front-end assure the sensitivity and stability needed for optimum tuning under all conditions.

FM circuit has Schmidt all-electronic automatic stereo-mono switching. Preamp offers facilities for all sources including tape monitor, and input for tape transport equalized at both 7½ and 3¾ ips speeds. Signal-strength meter and stereo indicator light for accurate tuning. AFC locks in FM signals to prevent drift. Loudness control for full response even at low volume levels. Dual-concentric bass and treble controls let you tailor sound to your taste. Front-panel stereo headphone jack. High-frequency filter.

Ferrite AM antenna, FM dipole. Two AC convenience outlets. Fused output protection. Has shortproof polarized speaker connectors. Speaker switch selects main, remote, both or off. With metal case. Optional wood case below. 5x16x12". For 115 V, 50-60 Hz AC. From Japan.

14 C 5076 U. Shpg. wt., 28 lbs. *$13 Monthly*. **249.95**

14 C 5003 X. Oiled Walnut Wood Case. Shpg. wt., 6 lbs. **19.95**

SPECIFICATIONS

AMPLIFIER CIRCUIT. *Power Output:* 80 watts IHF at 4 ohms; 32 watts rms/channel at 4 ohms. *Response:* ±3 dB, 20-70,000 Hz. *Harmonic Distortion:* approximately 1%. *Hum and Noise:* Magnetic Phono, −63 dB; Aux., −78 dB. *Input Sensitivity:* Mag. Phono, 3.5 mV; Ceramic/Crystal Phono, 60 mV. Aux., 220 mV; Tape Monitor, 220 mV; Tape Head, 3.5 mV. *Outputs:* 4-16 ohms, headphones, recorder. **TUNER CIRCUIT. FM:** *IHF Sensitivity:* 1.8 μV. *Separation:* better than 35 dB. *Capture Ratio:* 3.5 dB. *Signal-to-Noise Ratio:* better than 56 dB. **AM:** *Sensitivity:* 14 μV for 10 dB S/N ratio.

ALLIED

Stereo FM-AM Phono Systems With 380 Receiver

Deluxe 80-Watt Stereo FM-AM-Phono System

Save $145.30 **$499.95** **$21 monthly**
With Metal Receiver Case

Separately, $645.25. Exceptional value in a complete stereo system featuring the new **Allied 380 80-Watt Solid-State Stereo FM-AM Receiver.** Full control of every program source. True-to-life stereo FM. 160 watts peak output power. With metal case; optional walnut case on facing page.

Deluxe Garrard SL75 Automatic Turntable. Synchro-Lab motor provides perfect 33⅓, 45 and 78 rpm speeds. Cuing, low-mass arm, automatic or manual operation. With base and Empire 888E stereo elliptical cartridge with diamond stylus.

Two new **Allied 2370 3-Way 12" Walnut Shelf Speaker Systems.** 12" acoustic-suspension woofer, compression-type midrange with rectangular diffraction horn, high-frequency compression tweeter. With cables, instructions. Shpg. wt., 147 lbs.
14 C 0090 D5Z. *$21 Monthly.* .**499.95**

Value-Priced 80-Watt Stereo FM-AM-Phono System

Save $118.85 **$449.95** **$20 monthly**
With Metal Receiver Case

Separately, $568.80. Excellent system of quality components featuring **Allied 380 80-Watt Solid-State Stereo FM-AM Receiver.** Delivers superior stereo FM plus brilliant AM. Four IC's; FET front end. Tape monitoring facilities. With metal case; optional walnut case on facing page.

Garrard SL65 Automatic Turntable. Has Synchro-Lab motor for perfect speed. Four-speed automatic or manual operation. Cuing, automatic intermix, oversized turntable. With base and Shure M91E stereo elliptical cartridge with diamond stylus.

Two Allied 2300C 3-Way 12" Walnut Shelf Speaker Systems. 12" acoustic-suspension woofer, compression midrange driver, compression tweeter. With cables, hi-fi booklet, instructions. Shpg. wt., 144 lbs.
14 C 0091 D5Z. *$20 Monthly.* .**449.95**

Shown in walnut case

Shown in walnut case

Save $114.30 **Receiver Includes Metal Case** **$399.95** **$18 monthly**

ALLIED 80-Watt Stereo FM-AM-Phono System

- Allied 380 Receiver with Integrated Circuits and FET's
- Schmidt All-Electronic Automatic Stereo-Mono Switching
- Garrard SL65 Automatic Turntable with Synchro-Lab Motor
- Decorator-Styled 3-Way 12" Walnut Shelf Speaker Systems

Components Separately, $514.25. A superb system of performance-matched components. Features the **New Allied 380 80-Watt Solid-State Stereo FM-AM Receiver.** Boasts four integrated circuits in IF stage, sensitive FET front-end, Schmidt all-electronic automatic stereo-mono switching. With metal case; optional wood case below. **Garrard SL65 4-Speed Automatic Turntable.** Perfect-speed Synchro-Lab motor, full-size turntable platter, cuing. Plays stack automatically or single records manually. **With Base and Pickering V15/ACE-3 Stereo Elliptical Cartridge. Two Allied 2330A 3-Way Shelf Speaker Systems.** Cloth-roll suspension 12" woofer, 8" cone-type midrange, 3½" cone-type tweeter. Assembled and finished in oiled walnut. With all cables and hi-fi booklet.

14 C 0083 D5Z. 110 lbs. *$18 Monthly*..................**399.95**
14 C 5003 X. Oiled Walnut Wood Case. 6 lbs...............**19.95**

A Selected 80-Watt Solid-State Stereo FM-AM-Phono System

Separately, $473.80. Enjoy the thrilling sound of true-to-life stereo realism with this excellent component system. **Allied 380 80-Watt Solid-State Stereo FM-AM Receiver** delivers 160-watt peak power output. Transformerless output assures extra-wide frequency response. With metal case; optional wood case below.

Garrard SL55 4-Speed Automatic Turntable features the famous Synchro-Lab motor for perfectly constant speed. **With Base and Shure M32E Stereo Elliptical Cartridge.**

Two Allied 3030B 3-Way Speaker Systems. High-compliance 12" woofer, 6" midrange, 3½" tweeter. Oiled walnut finish. With cables, hi-fi booklet. 100 lbs.
14 C 0093 D5Z. *$17 Monthly*.....**359.95**
14 C 5003 X. Walnut Case. 6 lbs.....**19.95**

B Value-Priced 80-Watt Stereo FM-AM-Phono System

Separately, $424.25. Excellent system features fine quality components at a moderate price. **Allied 380 80-Watt Solid-State Stereo FM-AM Receiver** has Schmidt all-electronic automatic stereo-mono switching, AFC, stereo indicator light. With metal case; wood above.

Garrard SL55 4-Speed Automatic Turntable. Synchro-Lab motor, cuing, counterbalanced low-mass pickup arm. **With Base and Empire 808E Stereo Elliptical Cartridge.**

Two Allied 3005A 3-Way Shelf Speaker Systems. 10" woofer, 6" midrange, 3½" tweeter. Oiled walnut finish. With cables and hi-fi booklet. 85 lbs.
14 C 0094 D5U. *$16 Monthly*.....**329.95**

C Ultra-Deluxe 80-Watt Stereo FM-AM-Phono System

Separately, $635.25. Specially-selected top-quality components are certain to satisfy even the most critical listener. **Allied 380 80-Watt Solid-State Stereo FM-AM Receiver** offers facilities for all sources. Tape monitor. With metal case; optional walnut wood above.

Garrard SL95 Automatic Turntable. Synchro-Lab motor for perfect 33⅓, 45 and 78 rpm speeds. Every deluxe feature. Automatic or manual operation. **With Base and Shure M91E Stereo Elliptical Cartridge.**

Two Allied 2300C 3-Way Acoustic-Suspension Speaker Systems. 12" woofer, compression-type midrange and tweeter. Cables, hi-fi booklet. 145 lbs.
14 C 0084 D5Z. *$21 Monthly*.....**499.95**

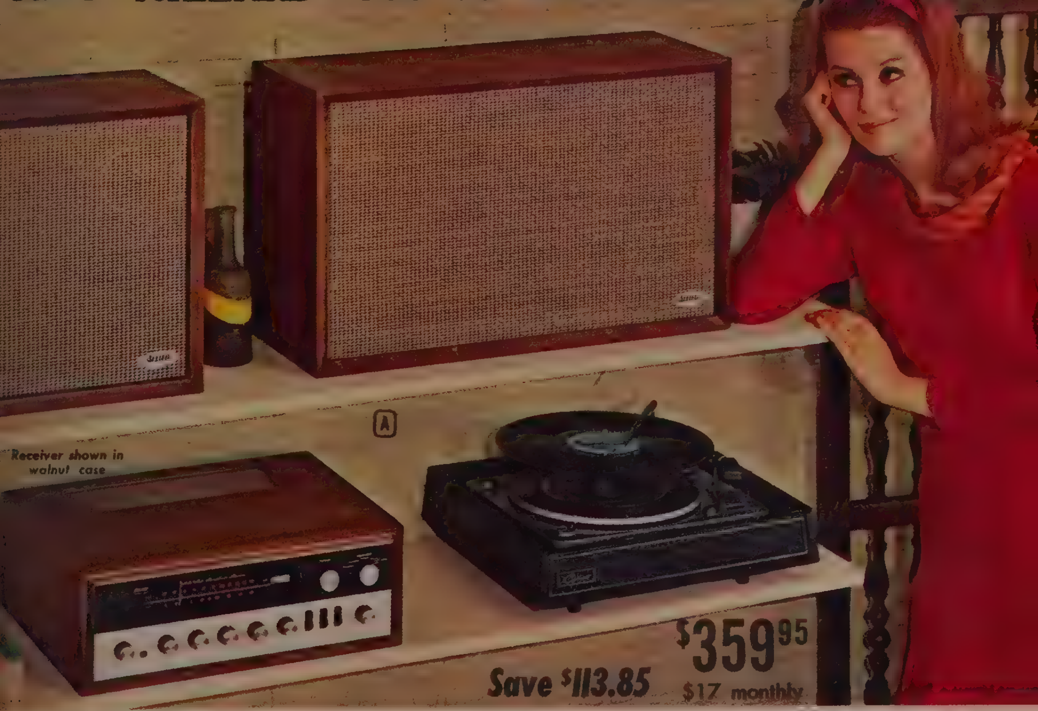
D Feature-Packed 80-Watt Stereo FM-AM-Phono System

Separately, $575.25. Superb quality system offers exceptional performance. **Allied 380 80-Watt Solid-State Stereo FM-AM Receiver** has dual-concentric bass and treble controls, loudness control, fused output protection. Metal case; wood above.

Garrard SL75 3-Speed Automatic Turntable. Synchro-Lab motor, adjustable counterweight, stylus adjustment. **With Base and Empire 888TE Stereo Elliptical Cartridge.**

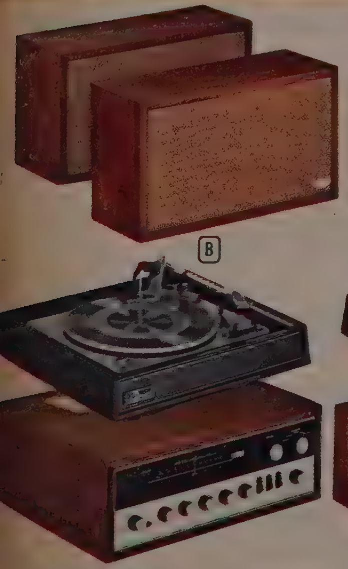
Two Allied 2260A 3-Way Speaker Systems. High-compliance 12" woofer, 8" closed-back midrange, horn-loaded tweeter. Cables, hi-fi booklet. 127 lbs.
14 C 0092 D5Z. *$20 Monthly*.....**449.95**

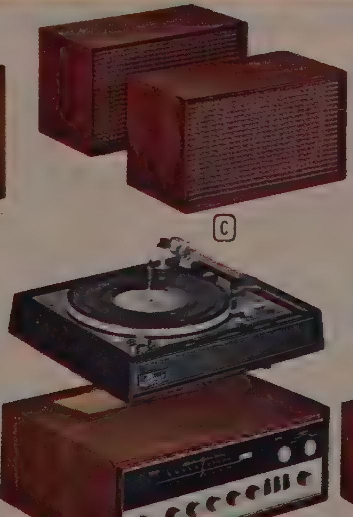
Save! ALLIED® 380 80-Watt Stereo Systems!

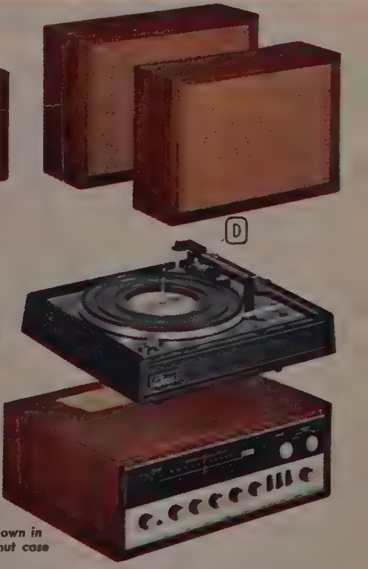


Receiver shown in walnut case

Save $\$113.85$ $\$359^{95}$ $17 monthly







Receivers shown in optional walnut case

Value-Priced 80-Watt System

Save $\$94.30$ $\$329^{95}$ $16 monthly

Ultra-Deluxe 80-Watt System

Save $\$135.30$ $\$499^{95}$ $21 monthly

Feature-Packed 80-Watt System

Save $\$125.30$ $\$449^{95}$ $20 monthly

For Complete Specifications on ALLIED 380 Receiver, See Page 12

ALLIED 355 Stereo FM-AM Receiver, Systems

CHECK THESE DELUXE QUALITY FEATURES

"Shortproof" Plug-in Speaker Connectors are Polarized, Have Neoprene Covers

Fully Automatic All-Electronic Schmidt FM-Stereo Switching Circuit

5-Transistor Circuit Protects Output Transistors Against Damage Caused by Accidental Shorts or Opens

ALLIED 355 Solid-State 45-Watt Stereo FM-AM Receiver

With Metal Case

$179.95 $9 monthly

- Transformerless Output for Wide Response
- 90-Watt Peak Power
- 2 μV FM Sensitivity
- Precision Tuning Meter
- Tape Monitor Facilities
- 59 Semiconductors
- Modern Rocker Switches

The Allied 355 offers exciting features, superb stereo FM-AM performance, and decorator styling at a budget-pleasing price. Delivers 90 watts peak power output for breathtaking stereo FM. Fine AM reception too. Up-to-date solid-state circuit is loaded with deluxe features, including automatic all-electronic Schmidt FM stereo/mono switching, facilities for tape monitoring, switchable AFC, five-transistor protection circuit for output transistors, plus direct-coupled transformerless output for wide power bandwidth.

Sensitive front-end has multi-ganged tuning capacitor with independent oscillator circuit, mixing circuit for sensitive, stable, drift-free FM reception. IF strip has two noise limiters for clear reception, free of distortion and noise. Smooth flywheel dial plus illuminated signal-strength meter and stereo indicator light help pinpoint stations for perfect tuning.

Positive-action rocker switches. Shortproof polarized plug-in speaker connectors with barrier-type construction. Outputs: 4-16 ohm speakers; front-panel stereo headphone jack; tape recorder. Inputs: magnetic phono, auxiliary, tape monitor. Easy to custom mount if desired. With metal case; optional walnut case below. 5x16x12". For 110-120 volts, 50-60 Hz AC. Japan. Shpg. wt., 27 lbs.

14 C 5071 U. *$9 Monthly*. 179.95

14 C 5003 X. Oiled Walnut Wood Case. Shpg. wt., 6 lbs. 19.95

SPECIFICATIONS

AMPLIFIER CIRCUIT. *Power Output:* 45 watts, IHF, 90 watts peak; 17.6 watts/ch. rms at 4 ohms. *Response:* ±1 dB, 20-30,000 Hz. *Harmonic Distortion:* 1%. *Hum and Noise:* Magnetic Phono, −60 dB; Aux., −70 dB. *Input Sensitivity:* Mag. Phono, 2.5 mV; Aux., 190 mV; Tape Monitor, 200 mV. **TUNER CIRCUIT.** *FM Section. Sensitivity:* 2.0 μV for 20 dB quieting; 3.0 μV IHF. *Harmonic Distortion:* 0.8%. *Selectivity:* 45 dB. *Separation:* 35 dB at 1000 Hz; 40 dB at 400 Hz. *Signal to Noise:* 60 dB at 100% modulation. *Capture Ratio:* 2.7 dB. *IF Stages:* 3 dual-tuned. *AM Section. Sensitivity:* 10 μV.

Stereo FM-AM-Phono Systems Featuring the *ALLIED* 355

A Value-Priced 45-Watt Stereo FM-AM-Phono System

Save $104.30

With Metal Case

$399.95 $18 monthly

- Solid-State Stereo FM-AM Receiver
- "Synchro-Lab" Automatic Turntable
- Allied 12" 3-Way Speaker Systems

Components Separately Are $504.25. An outstanding value in selected components at substantial savings. **Allied 355 45-Watt Solid-State Stereo FM-AM Receiver** develops 45 watts of power for thrilling stereo realism. Full array of controls and inputs. Metal case. Optional walnut case, above.

Garrard SL65 4-Speed Automatic Turntable boasts "Synchro-Lab" motor for perfect speed. Cuing, adjustable anti-skate, automatic intermix. **With base and Empire 888E Stereo Cartridge with Elliptical Diamond Stylus** for light tracking and wide response.

Two Allied 2300C 3-Way 12" Walnut Speaker Systems. 12" woofer, horn-type midrange and compression tweeter. With cables, hi-fi booklet. Shpg. wt., 146 lbs.

14 C 0088 D5Z. *$18 Monthly*. . 399.95

B Deluxe Quality 45-Watt Stereo FM-AM-Phono System

Save $125.30

With Metal Case

$459.95 $20 monthly

- Full-Feature Stereo FM-AM Receiver
- Superb Garrard Automatic Turntable
- Acoustic-Suspension Speaker Systems

Components Separately Are $585.25. Consists of specially-selected components to provide exceptional tonal purity and true-to-life performance. **Allied 355 45-Watt Solid-State Stereo FM-AM Receiver** gives you complete command over every program source. Metal case. Order walnut case, above.

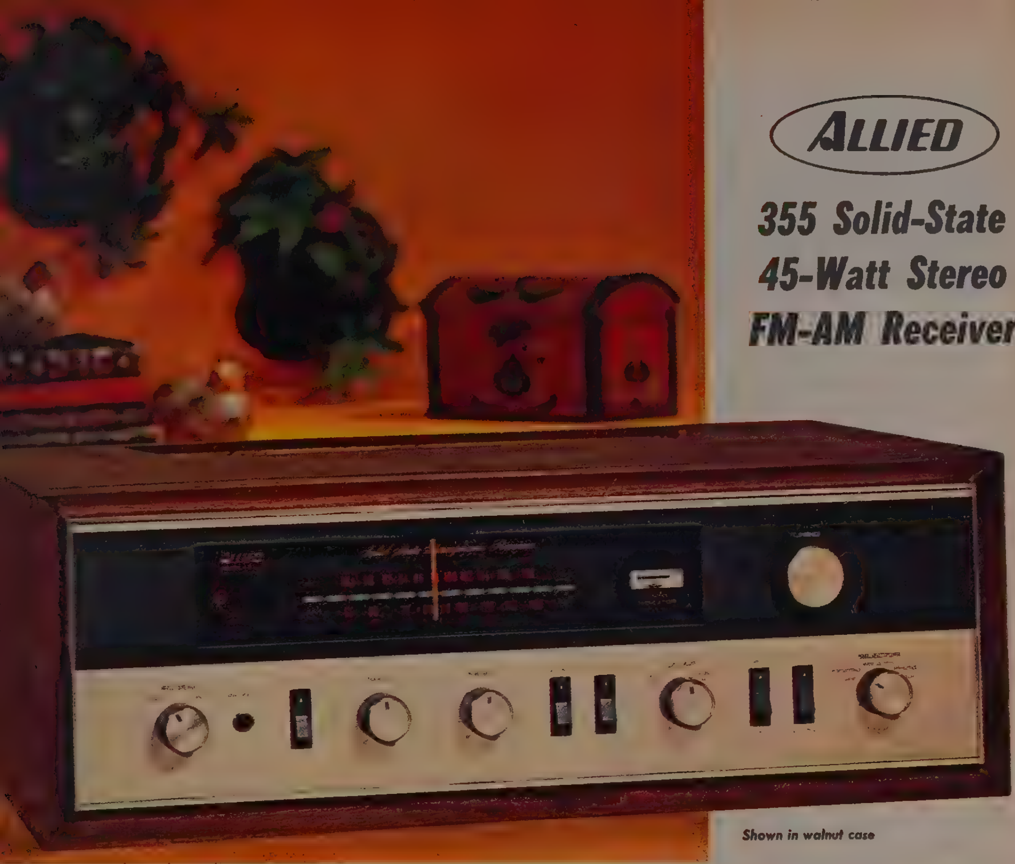
Garrard SL75 Automatic Turntable plays automatically or manually at 33⅓, 45, and 78 rpm. "Synchro-Lab" motor, cuing, anti-skating, much more. **With base and Pickering XV15AME Stereo Cartridge with Elliptical Diamond Stylus.**

New Allied 2370 3-Way 12" Walnut Acoustic-Suspension Speaker Systems. Our finest shelf speaker systems. 12" woofer, midrange and tweeter offer magnificent reproduction. With cables, hi-fi booklet. Wt., 148 lbs

14 C 0089 D5Z. *$20 Monthly*. 459.95

ALLIED

355 Solid-State 45-Watt Stereo FM-AM Receiver



Shown in walnut case

Component stereo hi-fi..why it's your best buy in good music

THESE ARE THE IMPORTANT FACTS YOU SHOULD KNOW

Component Hi-Fi Is Better

What makes component Hi-Fi so desirable and popular? The answer is very simple. It sounds much better. It costs less. It is easier to use. And you buy only what you need now, and you can add to it or update it any time.

What Is Component Hi-Fi?

An ordinary radio-phonograph is made up of a number of units, wired together in a cabinet. There is an amplifier and tuner, record turntable and speakers. In a component radio-phonograph system you also have these individual items . . but they are the same in name only, because they are of far superior quality and they are made so that you can place them wherever you want—on shelves, room divider, wall cabinets, bookcases. Together, they make far better music.

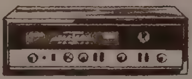
Components Sound Better

The individual units for a component system are made to give you the best sound reproduction possible, not to make up a furniture piece or to fit into a portable carrying case. The idea of hi-fi is to reproduce music—clear, brilliant, lifelike—as close as possible to the original performance. The makers of hi-fi components are specialists who use high design skills and precision manufacturing to cater to those to whom the quality of sound is the primary consideration. You'll be able to hear the difference, easily.

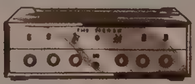
Components Cost Less, Too!

You don't pay for elaborate furniture. Each component is handsome enough to take its place in any home without additional expensive cabinetry. Part of what you save goes into superior equipment. Of course, you can install your components in furniture-type cabinets. Even then, although the cost will be more, you get finer performance and much more pleasure from your investment.

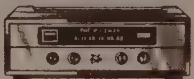
EASY-TO-USE HI-FI COMPONENTS



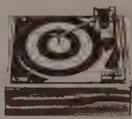
Receiver—A combination amplifier and FM (or FM-AM) tuner. Some people prefer the combination; others prefer separate units.



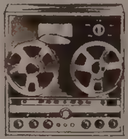
Amplifier—This is the component that supplies the amplified sound power to the speakers.



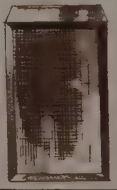
Tuner—For those who have an amplifier, rather than a receiver. Receives FM or AM and plays through the amplifier and speakers.



Record Turntable—Automatic or manual models. Automatic models play a stack of records.



Tape Deck—Lets you record broadcasts, copy records, make recordings of home entertainment, and play them through your system.



Speakers—Available in a great variety of sizes, shapes, prices. Important: Get the best speakers your budget will permit.

Components Are Easier to Use

You put components where they sound best and are most convenient to use. The receiver and record turntable may go at the end of your room, perhaps near a favorite chair. The speakers can be placed on any wall, or on a shelf, wherever they give best sound, and spaced for best stereo effect. This is not possible with ordinary consoles. If you wish you can put extension speakers in any room, even outside.

Just Plug Together and Play—It's Easy

If you have a receiver, turntable and speakers, put the receiver, together with the turntable, in a convenient place. Place the speakers wherever you want them. Use the cables provided to plug the turntable into the receiver and to connect the speakers. That's all there is to it.

Buy Only What You Need

You can get an amplifier, turntable, and speakers now and start out with a record playing system. Later, add a tuner for FM or FM-AM and a deck for playing tape. It's easy to replace individual units at any time, or add additional components without buying a whole new system. If you wish, you can start out with a receiver, rather than an amplifier, then you will not require the tuner.

It's Easy to Select a System

Allied's audio experts have made up a number of quality systems based on their experience. These systems are on pages 8-11, 13-17, 21, 23, 38-41, 43, 44, 49, 468-471. Our system prices give you substantial savings from the cost of components purchased separately. If you prefer to make up your own selection, write to our Audio Division (a request card is included in this catalog), and we will send you our price quotation on the system of your choice.

Here's why people everywhere buy component Hi-Fi by mail from *ALLIED*

World's Largest Selection of Hi-Fi Equipment

Only the facilities of the world's largest electronics supply house can satisfy all the needs of hi-fi enthusiasts. As the world's largest supplier of electronics, Allied can afford to stock thousands of items not available elsewhere. In addition, many products are specially designed and built to our specifications, and offered exclusively by Allied.

Leader in the Field for 48 Years

We have always been the first to offer the latest developments in electronics, as you will see when you go through the pages of this catalog. For 48 years, Allied has grown with the leading manufacturers in hi-fi—unbeatable selections from every famous brand are included here.

Count Your Savings at Allied

Whatever you choose—a single component, an Allied expert-selected system, or a system of your own selection—you always get the lowest prices at Allied. Check Allied prices and compare. Look for the special values—available only when you shop in the Allied Catalog.

System Savings

Allied offers you a wide choice of stereo music systems priced for every budget. These systems offer substantial savings off prices of single components purchased separately.

Satisfaction Guaranteed

You must be satisfied with any music system or component you buy from Allied. If for any reason you are not satisfied with your purchase, return it to us within 30 days in the original factory carton, and we will exchange it or return your money (less transportation charges). Merchandise returned must not have been abused or altered. This policy does not apply to kits. See page 450 for special kit guarantees.

We Quality-Test What We Sell

Only Allied has a continuous program of quality-testing to assure you that everything you buy meets the highest standards. Our Quality Control Department subjects every model to the most rigid and exacting tests. Only after components measure up to our high standards are they offered to you.

Free Allied System Extras

Every Allied stereo hi-fi system includes important extras. All necessary audio cables and connectors are included, plus two 15-ft. speaker cables. The phono cartridge is installed. You get a copy of the Allied Music System Instruction Booklet to help you get the best performance and fullest enjoyment from your stereo system. Manufacturer's instructions also are included.

Expert Personal Service

If you have any questions, drop us a card. Your inquiries and orders are intelligently handled by specialists who take a genuine interest in your needs. You can always depend on Allied for friendly service and expert help.

Enjoy "Easy-Chair" Shopping

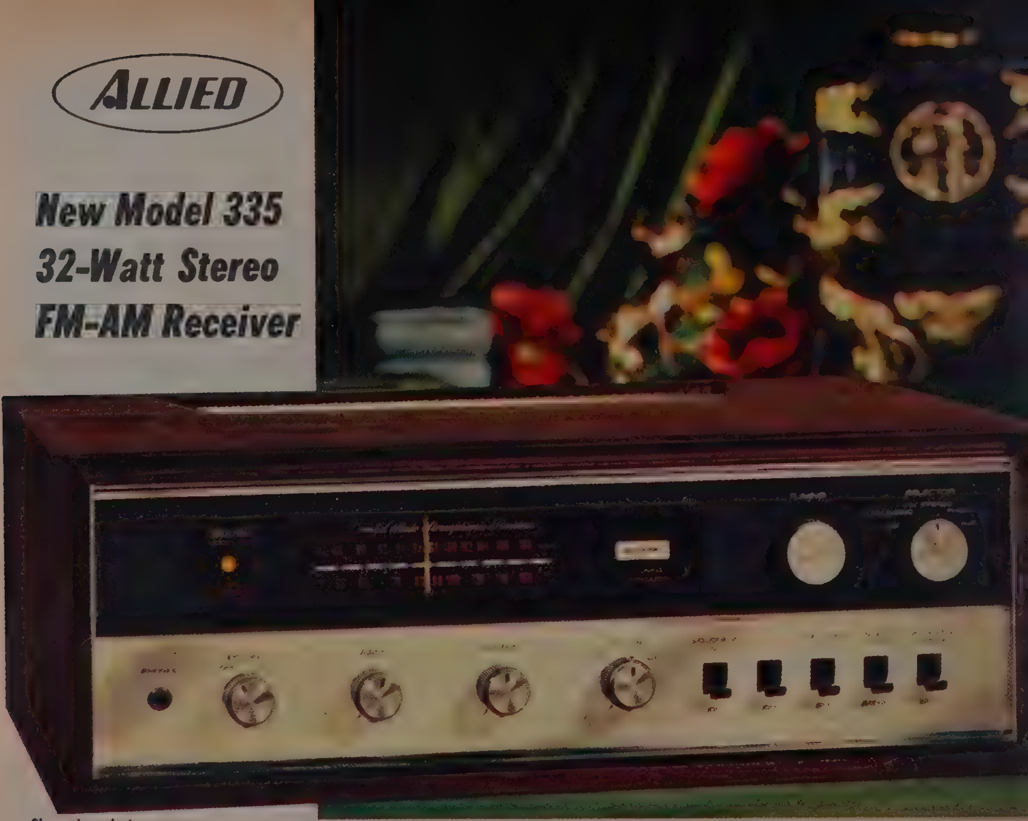
Shopping's easy at Allied. More accurate, too! You always know exactly what you get. And what a choice! A selection of merchandise so vast that no store could ever assemble and stock it all.

No Money Down—Up to Two Years to Pay

It's easy to be a credit customer at Allied. See Page 446 for complete information.

ALLIED

New Model 335 32-Watt Stereo FM-AM Receiver



Shown in walnut case

CHECK THESE DELUXE-QUALITY FEATURES

Field-Effect Transistor Front-End Provides Super-Stability plus High Sensitivity for Top Performance

SPEAKERS
REMOTE
MAIN

Main/Remote Speaker Switch Lets You Select Either One of Two Sets of Stereo Speakers

Plug-in, Polarized Speaker Connectors With Neoprene Covers Offer Protection from Short Circuits

New *ALLIED* 335 Solid-State Stereo FM-AM Receiver

$149.95 With Metal Case

$8 monthly

- 64 Watts of Peak Stereo Power Output, 32 Watts IHF
- 58-Semiconductor Circuit • Sensitive FET Front End
- Automatic Stereo FM Switching • Flywheel Tuning
- Controls and Inputs for Every Music Source

Exciting all-new Allied 335 Receiver offers deluxe features, first-class styling, an fine performance, to make it an outstanding hi-fi value. Advanced circui includes Field-Effect-Transistor front-end for super-stability and sensitivity Transformerless output delivers 64 watts peak power for thrilling stereo FM and superior AM. Full array of controls and inputs gives you total control o every program source—lets you tailor sound to your taste.

Automatic FM stereo/mono switching. Stereo indicator light and tuning mete let you pinpoint stations for best signal Slide-rule dial with smooth flywhee tuning. AFC snaps in FM stations, banishes drift. Tape recording inputs, outputs and monitor. Loudness control provides full-range response even at lo volume levels. Dual-concentric volume-balance control. Ganged bass and trebl controls. Front-panel stereo headphone jack. Main/remote speaker switch.

Polarized, shortproof plug-in speaker connectors. Fused output protection Two AC convenience sockets on rear, one switched. Ferrite AM, FM dipol antenna. With metal case; optional walnut case below. For 110-120 volts, 50-6 Hz AC. Size, 5x16x12½″. From Japan. Shpg. wt., 26 lbs.

14 C 5077 U. *$8 Monthly*. **149.9**

14 C 5003 X. **Oiled Walnut Wood Case.** Shpg. wt., 6 lbs. 19.9

SPECIFICATIONS

AMPLIFIER CIRCUIT. *Power Output:* 32 watts IHF, 11 watts/ch. rms at 4 ohms *Response:* ±3 dB, 20-40,000 Hz. *Harmonic Distortion:* 1% at rated power *IM Distortion:* 0.22%. *Hum and Noise:* Mag. Phono, −65 dB; Aux., −65 dB *Outputs:* 4-16 ohms, headphones, recorder. *Input Sensitivity:* Mag. Phono, 4. mV; Aux., 170 mV; Tape Monitor, 250 mV. **TUNER CIRCUIT. FM:** *IHF Sensitivity* 2.5 µV. *Selectivity:* 20 dB. *Separation:* Better than 30 dB. *Capture Ratio:* 7. dB. *Signal-to-Noise:* 65 dB. **AM:** *Sensitivity:* 8 µV. **CONTROLS:** Selector (AM FM Mono, FM Stereo, Phono, Aux.), Ganged Bass and Treble, Dual-Concentric Volume, Main/Remote Speaker Switch, On-off, Stereo-Mono.

Allied's Own Solid-State Stereo Components Save You Mone

A
Shown in walnut case

B Special-Value Music System
Shown in walnut case

A Deluxe Quality 32-Watt Stereo FM-AM-Phono System

Save
$93.85
$299 95
$15 monthly

Components Separately, $393.80. Outstanding selection of quality components for flawless reproduction of any music source. **Allied 335 32-Watt Solid-State Stereo FM-AM Receiver** provides wide-range stereo FM, crystal-clear AM. With metal case (optional walnut wood case, facing page). Precision **Garrard SL65 4-Speed Automatic Turntable with Base and Shure M32E Stereo Cartridge.** Synchro-Lab motor, cuing, much more. Two **Allied 3030B Three-Way 12" Walnut Assembled Speaker Systems.** 12" woofer, 6" midrange, 3½" tweeter. Cables, hi-fi booklet. 100 lbs.
14 C 0081 D5Z. *$15 Monthly*.................... **299.95**

B Special-Value 32-Watt Stereo FM-AM-Phono System

Save
$74.30
$249 95
$13 monthly

Components Separately, $324.25. Great value in a quality stereo system at a savings. **Allied 335 32-Watt Solid-State Stereo FM-AM Receiver** delivers 64 watts of peak output power for breathtaking stereo realism. With metal case (optional walnut, facing page). **Garrard SL55 4-Speed Automatic Turntable with Base and Pickering V15/ACE-3 Stereo Cartridge.** Synchro-Lab motor for constantly perfect speed. **Two Allied 3005A Three-Way 10" Walnut Speaker Systems.** 10" woofer, 6" midrange, 3½" tweeter. With cables and hi-fi booklet. Shpg. wt., 83 lbs.
14 C 0082 D5U. *$13 Monthly*.................... **249.95**

C Budget-Priced 32-Watt Stereo FM-AM-Phono System

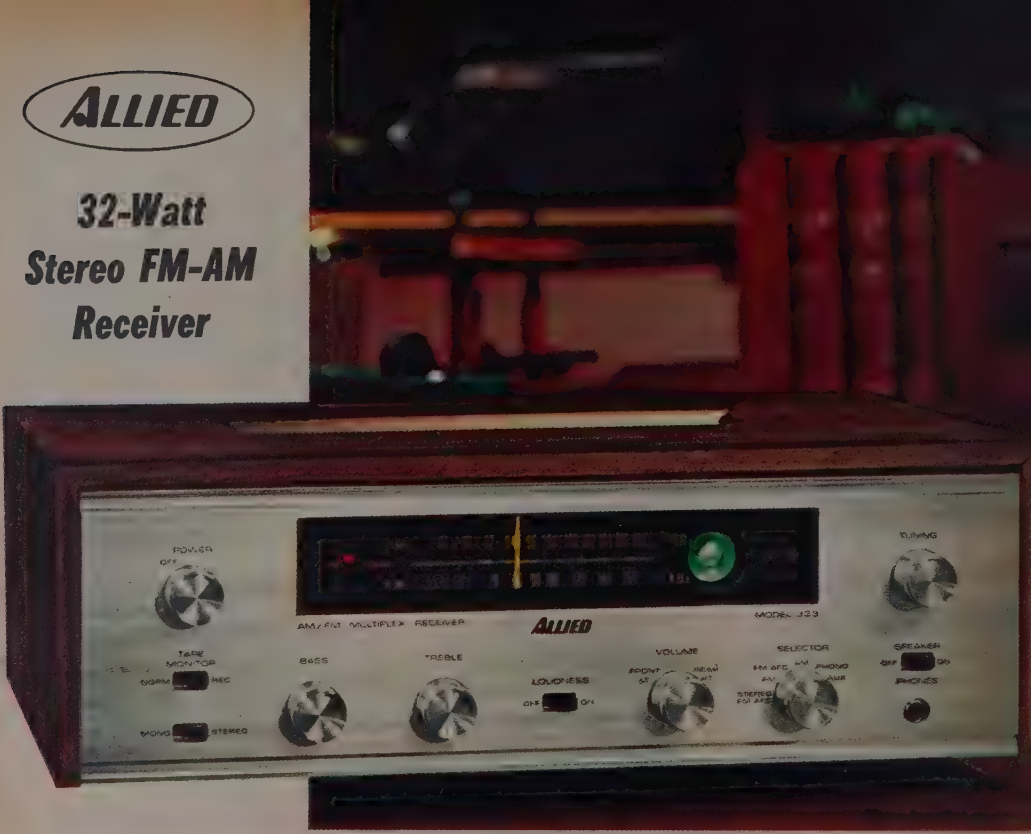
Save
$54.30
$219 95
$11 monthly

Components Separately $274.25 Enjoy excellent stereo at surprisingly low cost. **Allied 335 32-Watt Solid-State Stereo FM-AM Receiver** offers full-feature stereo versatility—controls and inputs for every source. With metal case (optional walnut, facing page). **Garrard 40 MK II 4-Speed Automatic Turntable with Base and Empire 888 Stereo Cartridge.** Silent 4-pole motor. 2 spindles. **Two Allied 3002 2-Way 8" Walnut Speaker Systems.** 8" woofer, 3½" tweeter. With cables, hi-fi booklet. Shpg. wt., 75 lbs.
14 C 0080 D5U. *$11 Monthly*.................... **219.95**

C Budget-Priced Music System
Shown in walnut case

ALLIED

32-Watt Stereo FM-AM Receiver



Save $20.00 from Catalog 270 Price of $149.95

Full-Feature ALLIED 333 Stereo FM-AM Receiver

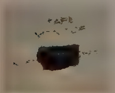
$\$129^{95}$ With Metal Case

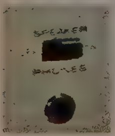
$7 monthly

- 64 Watts of Peak Stereo Power, 32 Watts IHF
- Stereo-FM Indicator Light
- Tuning Eye
- Completely Factory Assembled and Ready to Use
- Loudness Switch
- Tape Monitor Switch

Selector Switch Has Six Positions for Virtually Any Audio Source

Dual-Concentric Volume Control Adjusts Channels for Perfect Balance


Tape Recorder Inputs and Outputs plus Monitoring Switch for 3-Head Decks


Convenient Front-Panel Stereo Headphone Jack with Speaker-Off Switch

Offering deluxe features and superb performance, the 333 is a spectacular stereo FM-AM receiver value. Delivers 64 watts peak power output for thrilling full-fidelity stereo. Receives stereo FM, plus monaural FM and AM, and has a full array of inputs and controls for phono and tape. Deluxe circuit has separate sections for stereo FM, monaural FM, and AM.

Wide slide-rule dial and Magic Eye indicator for easy, precise tuning. Stereo light indicates stereo FM broadcasts. AFC locks in FM signals. Time-switching multiplex circuit. Front-panel stereo headphone jack with speaker-off switch. Controls include: Power On-Off; Separate Bass and Treble; Loudness for full-range response even at low listening levels; Dual Concentric Volume-Balance. Full tape recorder and tape monitoring facilities.

Extruded front panel in Sierra Gold. Built-in AM antenna twin-lead FM dipole antenna. Deluxe tube circuit with 10 solid-state semiconductors in key circuits. $5\frac{3}{8}$x$15\frac{13}{16}$x$13\frac{9}{16}$". With smart metal case. Walnut case below. For 110-127 volts, 60 Hz AC. Japan.

14 C 5073 U. Shpg. wt., 28 lbs. *$7 Monthly*	129.95
14 C 5008 X. Oiled Walnut Wood Case. Shpg. wt., 5 lbs.	14.95

SPECIFICATIONS

FM CIRCUIT. *Sensitivity:* 2.5 μV for 20 dB quieting. *Usable IHF Sensitivity:* 3.0 μV. *Image Rejection:* better than 30 dB. **FM MULTIPLEX CIRCUIT.** Time-switching type. *Channel Separation:* 30 dB. **AM CIRCUIT.** *Image Rejection:* better than 40 dB. **AMPLIFIER CIRCUIT.** *Power Output:* 64 watts peak; 32 watts IHF, 16 watts per channel. 12 watts per channel (rms) continuous sine wave. *Frequency Response:* ±2 dB, 20-30,000 Hz. *Harmonic Distortion:* less than 1% at rated output. *Hum/Noise:* —55 dB, Mag. Phono; —70 dB, Aux. *Inputs:* Magnetic Phono; Ceramic or Low-Level Auxiliary; High-Level Aux; Recorder. *Outputs:* 8, 16 ohms; Stereo Headphone; Recorder; Tape-Source Monitoring. *Overall:* 13 tubes; tuning eye; 2 silicon rectifiers; 8 diodes. 115 W max. power consumption.

Allied 32-Watt Stereo FM-AM Phono Systems

Receiver shown in walnut case

Special 32-Watt Stereo FM-AM-Phono System

Receiver shown in walnut case

A Top-Value Stereo FM-AM-Phono System

Save $53.85

$199 95 With Metal Case

$10 monthly

Separately, $253.80. Selected to provide top value for your sound dollar. **Allied 333 32-Watt Stereo FM-AM Receiver.** Delivers 64 watts peak power. Metal case. Optional walnut case below. **Garrard 40 MK II 4-Speed Automatic Turntable, Base.** Silent 4-pole motor. With Shure M75-6 Stereo Cartridge. **Two Allied 3002 Two-Way 8″ Walnut Shelf Speaker Systems** with 8″ woofer, 3½″ tweeter. With cables, hi-fi booklet. Shpg. wt., 78 lbs.

14 C 0050 D5U. *$10 Monthly*..................199.95
14 C 5008 X. Walnut Receiver Case. Wt., 5 lbs.........14.95

B Special Stereo FM-AM-Phono System

Save $64.30

$239 95 With Metal Case

$12 monthly

Separately, $304.25. Delivers dazzling stereo sound at a moderate price. **Allied 333 32-Watt Stereo FM-AM Receiver** has full array of inputs, outputs, controls. With metal case. Optional walnut wood case above. **Garrard SL55 4-Speed Synchro-Lab Automatic Turntable and Base. Constant-speed synchronous motor, cuing. Pickering V15/AC-3 Stereo Cartridge. Two Allied 3005A 3-Way 10″ Walnut Shelf Speaker Systems.** 10″ woofer, 6″ midrange, 3½″ tweeter With cables, hi-fi booklet. Shpg. wt., 86 lbs.

14 C 0051 D5U. *$12 Monthly*..................239.95

C Deluxe Stereo FM-AM-Phono System

Save $104.30

$279 95 With Metal Case

$14 monthly

Separately, $384.25. Outstanding true-to-life stereo at big savings. **Allied 333 32-Watt Stereo FM-AM Receiver** develops 64-watts of peak power for full-dimensional stereo realism With metal case. Optional walnut case above. **Garrard SL65 4-Speed Synchro-Lab Automatic Turntable with Base.** Deluxe features. Empire 888E Stereo Elliptical Cartridge. **Two Assembled and Finished Allied 3030B 3-Way 12″ Walnut Speaker Systems.** 12″ woofer, 6″ midrange, 3½″ tweeter. Cables, hi-fi booklet. Shpg. wt., 103 lbs.

14 C 0052 D5Z. *$14 Monthly*..................279.95

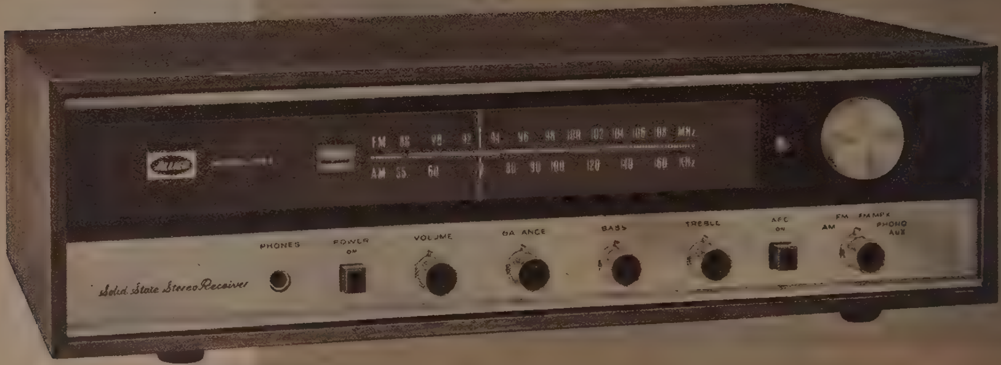
C Deluxe 32-Watt Stereo FM-AM-Phono System

Receiver shown in walnut case

Ensembles Are Ready to Play—Complete with Cables, Hi-Fi Booklet

ALLIED

New Model 325 . . At Our Lowest Price Ever for Any Solid-State Stereo FM-AM Receiver


FM 88 92 94 96 98 100 102 104 106 108 MHz
AM 55 60 80 90 100 120 140 160 KHz
PHONES
POWER ON
VOLUME
BALANCE
BASS
TREBLE
AFC ON
FM FM MPX
AM PHONO AUX
Solid State Stereo Receiver

DELUXE FEATURES

Signal-Strength Meter for Precision FM and AM Tuning

Stereo Indicator Light Flashes On When You're Tuned to Stereo FM

FM-MPX
AM PHONO
AUX

Input Selector Lets You Choose Stereo FM, FM, AM, Phono, Tape

ALLIED Model 325 Stereo FM-AM Receiver

$89.95 With Case

$5 monthly

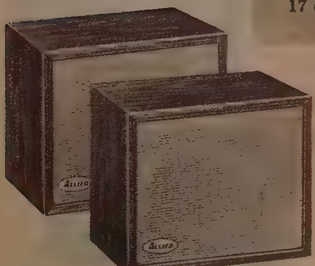
- Complete with Handsome Walnut-Veneer Wood Case
- Advanced 38-Semiconductor Circuit
- Tuning Meter
- 30 Watts of Peak Music Power Output
- Tape Input
- Illuminated Slide-Rule Dial
- Switchable AFC

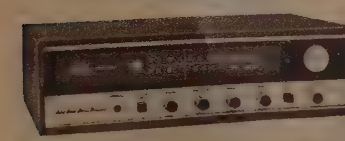
Never before have we offered a *solid-state* stereo FM-AM receiver at such a sensational low price. The new Allied 325 gives you many fine features that you would not expect at this exciting price. Pulls in static-free stereo FM, and wideband AM. D'Arsonval signal-strength meter and illuminated dial for precision tuning. AFC locks in FM stations for drift-free reception, has defeat switch for tuning weak stations adjacent to strong ones. Separate bass and treble controls. Channel balance control. Inputs for plugging in stereo record player with ceramic or crystal cartridge, and tape deck. Output: 8 ohms; stereo headphone jack. Size, 5x16x12½". Built-in AM antenna, FM antenna. With walnut-veneer wood case. Made in Japan to Allied's specifications. Shpg. wt., 21 lbs.
14 C 5079 U. *$5 Monthly*. 89.95

SPECIFICATIONS

FM CIRCUIT. *Sensitivity:* 3 μV for 30 dB quieting. *Image Rejection:* 45 dB. **FM MULTIPLEX CIRCUIT.** *Channel Separation:* 26 dB. **AM CIRCUIT.** *Image Rejection:* 36 dB. **AMPLIFIER CIRCUIT.** *Power Output:* 30 watts peak music power; 15 watts IHF, 7.5 watts per channel. *Frequency Response:* 40-15,000 Hz. *Harmonic Distortion:* 1.5%. *Inputs:* Ceramic Phono; Preamplified Tape. *Speaker Output:* 8 ohms. *Overall:* 21 transistors, 17 diodes. *Power Requirement:* 110-120 V, 60 Hz AC.

Component Stereo FM-AM-Phono System . . Priced As Low As a Good Phonograph





- Allied 325 Solid-State Stereo FM-AM Receiver
- Garrard 30 Record Changer with Diamond Stylus
- Two Allied 3002 Two-Way Shelf Speaker Systems

Separately, $184.30. A component stereo system at the price of a good portable phono. New **Allied 325 Stereo FM-AM Receiver.** Tuning meter, AFC, stereo indicator light, solid-state circuit. Includes walnut-veneer wood case.

Garrard 30 Four-Speed Automatic Stereo Record Changer with Cartridge, Base. Intermixes records of the same speed. Stereo ceramic cartridge has diamond stylus.

Two Allied 3002 Two-Way 8" Walnut Shelf Speaker Systems. 8" woofer, 3½" tweeter. With cables, booklet. Wt., 70 lbs.
14 C 0029 L4U. *$8 Monthly*. 149.95

Save $34.35

$149.95

$8 monthly

Use Allied's Credit Fund Plan to Get Your System Now

Allied Special-Purchase Offers!
Two Deluxe Stereo FM Receivers

Shown in wood case

Save
$60.00

$299.50 less case

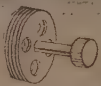
$15 monthly

Sherwood S-8800 Silicon Solid-State 140-Watt Stereo FM Receiver at Special-Purchase Savings

- All-Silicon for Outstanding Hi-Fi
- Automatic Stereo/Mono FM Switching
- Front-Panel Preamp Level Adjustment
- Precise Zero-Center Tuning Meter

Was $359.50 in Last Year's Catalog. This professional-quality stereo receiver boasts all-silicon-transistor circuit with Field-Effect Transistors in RF and mixer stages for extraordinary stereo FM. Powerful output can drive two sets of stereo speakers. Transistorized instant-output overload protection. Noise-gated automatic stereo/mono FM switching with stereo indicator light. Zero-center tuning meter. Front-panel preamplifier level adjustment, stereo headphone jack. Tape monitor. High filter. Main/Remote speaker switches. *Power Output:* 140 watts IHF. *Frequency Response:* ±½ dB, 20-20,000 Hz. *Power Bandwidth:* 12-35,000 Hz. *IM Distortion:* 0.1%. *FM Sensitivity:* 1.8 μV for 30 dB quieting. *Capture Ratio:* 2.4 dB. Size, 4½x16½x14". For 117 volts, 60 Hz AC. Optional case below. Shpg. wt., 27 lbs.

13 C 2826 U. *$15 Monthly*	299.50
13 C 2475 X. Walnut Grain Metal Case. Shpg. wt., 8 lbs.	9.00
13 C 2429 X. Oiled Walnut Wood Case. Shpg. wt., 8 lbs. *$5 Monthly*	28.00



Velvet-Smooth Weighted-Flywheel Inertia Tuning

Between-Station Hush Eliminates Noise When Tuning Stations

Tremendous Reserve Power Handles Loud Passages With Ease

Sensitive Field-Effect Transistors Used in RF and Mixer Stages

Price Cut on Scott 20th Anniversary Receiver

Save
$20.00

$199.95 With Case

$10 monthly

HHS-20 Solid-State 40-Watt Stereo FM Receiver

Was $219.95. Surprising low price for a receiver with Scott's famous quality. The Scott 20th anniversary special limited-edition receiver features all-silicon solid-state circuit with sensitive FET front-end, integrated circuit IF. Automatic stereo/mono FM switching. Full array of controls and inputs—even has front-panel jacks for guitar and mike. Tuning meter, slide-rule dial, stereo indicator light. Tape monitor. Main/remote speaker switch. Stereo headphone jack. *Power:* 40 watts IHF. *Response:* 18-25,000 Hz. *Sensitivity:* 2.3 μV. *Capture Ratio:* 3 dB. With handsome black and oiled walnut case. 5½x17½x15¼". For 115 VAC. Shpg. wt., 18 lbs.

13 C 2680 U. *$10 Monthly*	199.95

- All-Silicon-Transistors
- Sensitive FET Front-End
- Integrated Circuit IF
- Automatic Stereo Switching
- Front-Panel Guitar and Mike Outputs
- Includes Handsome Case

New FISHER Solid-State Stereo Receivers With Latest Circuit Improvements

40 WATTS

Fisher 160-T Stereo FM Receiver With Tune-O-Matic®

New Model 160-T Stereo FM Receiver

$199.95 With Case

$10 monthly

- Pushbuttons Instantly Select Any Five Stations
- Three Integrated Circuits in IF Amplifiers
- Two Field-Effect-Transistors in FM Front-End
- Sleek, Ultra-Modern Low-Silhouette Styling
- Silicon Transistor Transformerless Output
- Three-Position Speaker Selector Switch

65 WATTS

New Moderately Priced Fisher 175-T Stereo FM-AM Receiver

Value-Priced Fisher 175-T Stereo FM-AM Receiver

$249.95 less case

$13 monthly

- FET and Integrated Circuit FM Tuner Section
- Dual-Detector Circuit for Superior AM Reception
- Silicon Transistor Transformerless Output
- "Transist-O-Gard" Overload Protection Circuit
- Separate Main and Remote Selector Switches
- Automatic Time Division Multiplex Switching

FISHER Solid-State Receivers and Radio

New 160-T 40-Watt Stereo FM Receiver With Instantaneous Pushbutton Tuning

New advanced-design stereo FM receiver offers superb performance and unusual features, plus low-profile styling complete with sculptured walnut sides—no optional cabinet is needed. Convenient Tune-O-Matic® pushbuttons let you instantly select any one of five easily preset stations at the touch of your finger, special AFC circuit locks in the stations for always perfect tuning. You can also tune stations manually when you wish.

Field-Effect-Transistors in front-end, plus three integrated circuits in IF stage, assure outstanding stereo reception. Has automatic FM stereo switching and "Stereo Beacon" indicator light. Superior distortion-free Baxandall-type bass and treble controls.

Amplifier boasts silicon output transistors with Transist-O-Gard® overload protection circuit. Transformerless output for low distortion and broad power bandwidth. Speaker selector switch has Main, Remote, Off positions. Stereo headphone jack. Tape output. Controls include Bass, Treble, Balance, Volume, Selector switch for Phono, FM, FM Local and Aux. Switches for Mode, Loudness Contour, AFC. $3\frac{1}{8}$x$15\frac{1}{4}$x$11\frac{1}{4}$". For 110-128 volts, 50-60 Hz AC. Shpg. wt., 20 lbs.
13 C 2545 U. *$10 Monthly*.......................... **199.95**

SPECIFICATIONS

AMPLIFIER CIRCUIT. *Power Output:* 40 watts, IHF; 15 watts per channel rms at 8 ohms. *Frequency Response:* ±2 dB, 25-20,000 Hz. *Harmonic Distortion:* 0.5%. *Power Bandwidth:* 25-25,000 Hz IHF at 8 ohms. *Hum and Noise:* Magnetic Phono, −55 dB; Aux., −65 dB. *Outputs:* 4-16 ohms, stereo headphone, recorder. *Input Sensitivity:* Phono Low/High, 2,5 mV/9.5 mV; Auxiliary, 250 mV. **TUNER CIRCUIT.** *IHF Sensitivity:* 2.2 µV. *Harmonic Distortion:* 0.6%. *Selectivity:* Alternate Channel, 45 dB. *Separation:* 35 dB. *Signal-to-Noise Ratio:* 60 dB at 100% modulation. *Capture Ratio:* 2.8 dB. **GENERAL.** *Semiconductors:* 30 transistors, 25 diodes, 3 integrated circuits.

Feature-Packed Fisher Model 175-T 65-Watt Stereo FM-AM Receiver

Stereo FM-AM receiver with Fisher deluxe engineering at an easy-on-the-budget price. Provides superb stereo FM, plus wideband AM. Sensitive FM circuit has two Field-Effect-Transistors in front-end and two integrated circuits in IF stage. AM highly-selective front-end with AGC. "Stereo Beacon" shows when you are tuned to a stereo FM station, and automatically switches to stereo.

Silicon transistors in transformerless output circuit for highest reliability. Output circuit protected by Transist-O-Gard®. Broad power bandwidth from 25 to 25,000 Hz IHF at 8 ohms. Speaker switches for selecting Main/On-Off, Remote/On-Off. Front-Panel stereo headphone jack.

Controls include Bass, Treble, Balance, Volume, Selector switch for Phono, FM, FM Local, AM, Aux. Switchable Loudness Contour. Tape recording output. Built-in AM antenna. Optional vinyl walnut wood case below. $5\frac{1}{4}$x$15\frac{1}{2}$x$12\frac{3}{4}$". 105-128 V, 50-60 Hz AC. 23 lbs.
13 C 2539 U. *$13 Monthly*.......................... **249.95**
13 C 2538 X. Walnut Wood Case. Shpg., wt., 6 lbs. ... **19.95**

SPECIFICATIONS

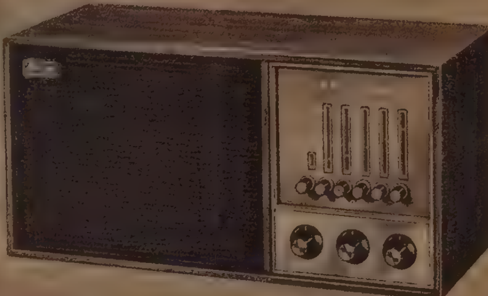
AMPLIFIER CIRCUIT. *Power Output:* 65 watts IHF; 20-watts per channel rms at 8 ohms. *Frequency Response:* ±2 dB, 20-20,000 Hz. *Harmonic Distortion:* 0.5%. *Hum and Noise:* Magnetic Phono, −55 dB; Auxiliary, −65 dB. *Outputs:* 4-16 ohms, headphones, recorder. *Input Sensitivity:* Magnetic Phono Low/High, 2.5 mV/7.5 mV; Aux., 250 mV. **TUNER CIRCUIT.** *FM Section. Sensitivity:* 2.0 µV, IHF. *Harmonic Distortion:* 0.6%. *Selectivity:* 45 dB. *Separation:* 35 dB. *Signal-to-Noise:* 65 dB. *Capture Ratio:* 2.8 dB. *AM Section. Sensitivity:* 10 µV. *Selectivity:* 50 dB. **GENERAL.** *Semiconductors:* 35 transistors, 20 diodes, 2 integrated circuits.

Fisher 200-T 70-Watt FM Receiver

\$279^{95} less case
$14 monthly

- Field-Effect-Transistor Front-End
- Automatic Stereo-Mono FM Switching
- Illuminated D'Arsonval Tuning Meter

Moderately priced receiver features luxurious styling, exciting stereo performance. Pulls in excellent stereo FM, and has controls for every music source. Time-division automatic stereo FM switching. Integrated circuit IF. Muting switch for noise-free tuning. Transistorized overload protection. Inputs for mag. phono, tape, aux. Tape monitor. *Output:* 70 watts IHF at 4 ohms. *Response:* +0, −2 dB, 20-25,000 Hz. *Harmonic Distortion:* 0.8%. *FM Sensitivity:* 2.0 µV IHF. *Separation:* 35 dB. $4\frac{13}{16}$x$15\frac{1}{8}$x$11\frac{1}{2}$". Optional case below. For 110-128 VAC. Shpg. wt., 24 lbs.
13 C 2082 U. *$14 Monthly*.......................... **279.95**
13 C 2629 X. Oiled Walnut Wood Case. Wt., 6 lbs. .. **22.95**



Fisher 100 Hi-Fi Compact FM Radio

\$99^{95}
$5 monthly

- Tune-O-Matic® Pushbutton FM Tuning
- Separate Bass and Treble Controls
- Built-in Wide-Range Speaker System

For deluxe listening. Fine high-fidelity features in a compact FM table radio. Brilliant, wide-range monaural sound. Built-in $5\frac{1}{4}$" speaker with 2-lb. magnet structure. Tune-O-Matic® circuit lets you select any one of five easily preset stations at the touch of a button—or tune manually when you wish. Baxandall-type bass and treble tone controls; AFC. Handsome walnut cabinet, $6\frac{1}{2}$x$13\frac{3}{8}$x$6\frac{3}{4}$". For 110-128 volts, 50-60 Hz AC. Shpg. wt., 14 lbs.
13 C 2663 X. *$5 Monthly*.......................... **99.95**
13 C 2664 X. S-30 Speaker System. For additional sound coverage or extension speaker. $6\frac{1}{2}$x$13\frac{3}{8}$x$6\frac{3}{4}$". Shpg. wt., 9 lbs. *$5 Monthly*.......................... **29.95**

RECEIVERS

FISHER

New FISHER Solid-State Receiver and Complete Stereo Compact Systems

THE FISHER
SOLID STATE FM AM STEREO RECEIVER
SELECTOR
BASS
TREBLE
BALANCE
VOLUME

100 WATTS

Solid-State Stereo FM-AM Receiver with Pushbutton FM Tuning

A

Convenience-Engineered Fisher 250T FM-AM Receiver

$299.95 less case

$15 monthly

- Convenient "Tune-O-Matic" Pushbutton FM Tuning
- Integrated Circuit IF Stages • FET Front-End
- "Transist-O-Gard" Output Overload Protection
- Time Division Multiplex Circuit • Stereo Beacon
- Wideband AM Front-End with New Dual Detector

Fisher 120 Stereo FM 3-Piece Ensemble

$299.95

$15 monthly

STEREO COMPACTS

Solid-State Stereo Systems Feature Integrated Circuits and FET's for Fine Performance

Fisher Stereo Compacts Boast Component-Quality Performance, Flexibility, and Power from Units No Larger than an Ordinary Table Phonograph

Fisher 125 Stereo FM-AM 3-Piece Ensemble

$329.95 $16 monthly

Solid-State Stereo Receivers, plus Stereo Compacts and Reverb System

A Fisher Model 250T 100-Watt Solid-State Stereo FM-AM Receiver

Advanced-design receiver delivers magnificent stereo FM reception, plus outstanding AM. Sensational new "Tune-O-Matic" pushbutton FM tuning lets you instantly select any one of five preset FM stations for the ultimate in tuning convenience. Also has large slide-rule dial for manual tuning.

Two Field-Effect-Transistors plus two Integrated Circuit IF's provide superior FM reception. Wideband AM circuit has dual detector stage to prevent distortion. Between-station muting eliminates noise when tuning FM. Time division multiplex switching circuit. Tuning meter. "Stereo Beacon" indicator light.

Silicon output transistors protected by "Transist-O-Gard" circuit. Tape monitor. Pushbuttons control main or remote speaker selection, mono mode and loudness. Rotary switch for Phono, FM, FM Local, AM, Aux. Has Bass, Treble and Balance controls. Optional case below. For 105-120 volts, 50-60 Hz. Shpg. wt., 24 lbs.

13 C 2544 U. *$15 Monthly*	299.95
13 C 2538 X. Walnut Wood Case. 9 lbs.	19.95

SPECIFICATIONS

AMPLIFIER CIRCUIT. *Power Output:* 100 watts, IHF at 4 ohms; *Response:* ±2 dB, 20-20,000 Hz. *Power Bandwidth:* 20-25,000 Hz IHF at 8 ohms. *Harmonic Distortion:* 0.5%. *Hum and Noise:* Mag. Phono, −60 dB; Aux., −70 dB. *Inputs:* Hi-Lo Phono, Aux., Monitor. *Outputs:* 4-16 ohms, headphones, recorder. *Damping Factor:* greater than 10. **TUNER CIRCUIT.** *FM Section. Sensitivity:* 2.0 μV IHF. *Harmonic Distortion:* 0.6%. *Selectivity:* 45 dB. *Separation:* 35 dB. *Signal-to-Noise Ratio:* 60 dB at 100% modulation. *Capture Ratio:* 2.8 dB. *AM Section: Sensitivity:* 10 μV. *IF Rejection:* 85 dB. *Size* 8¼x17½x15⅝".

B Fisher Model 120 Solid-State 40-Watt FM Stereo Compact

In space-saving compact form, yet delivers impressive stereo. Consists of Fisher's 40-watt stereo FM receiver, four-speed automatic turntable with Pickering cartridge, two Fisher XP-55B two-way 8" speaker systems. *IHF Output:* 40 watts at 4 ohms. *Response:* 25-25,000 Hz. Two Field-Effect-Transistors and two Integrated Circuits for superb FM reception. *Sensitivity:* 2.0 μV IHF. Silicon output circuit protected by "Transist-O-Gard." Tape monitor, tuning meter, "Stereo Beacon." Each speaker system has 8" woofer, 3" tweeter. Control center, 8¼x17½x15⅝"; speakers, 10x20x9" each. Handsome oiled walnut finish. Optional dust cover below. For 110-120 VAC. Shpg. wt., 76 lbs.

13 C 2547 U. *$15 Monthly*	299.95
13 C 2659 X. Plastic Dust Cover. Wt., 5 lbs.	14.95

C Fisher Model 125 Solid-State 40-Watt FM-AM Stereo Compact

Fisher's best stereo compact offers exciting stereo FM and wideband AM. Includes powerful 40-watt stereo receiver, four-speed automatic turntable with Pickering cartridge, and two Fisher XP-55B two-way 8" speaker systems. Full-feature receiver boasts latest design FM section with FET's and Integrated Circuits. AM has AGC and dual detector. *IHF Output:* 40 watts at 4 ohms. *Power Bandwidth:* 25-25,000 Hz. *FM Sensitivity:* 2.0 μV IHF. Silicon transistor output stage. Full controls, including tape monitor. Each speaker system has 8" woofer and 3" tweeter. Control center, 8¼x17½x15⅝"; speakers, 10x29x9" each. Walnut finish. Optional dust cover below. For 110-120 VAC. Shpg. wt., 76 lbs.

13 C 2549 U. *$16 Monthly*	329.95
13 C 2659 X. Plastic Dust Cover. Wt., 5 lbs.	14.95

Simulates Exciting Concert-Hall Reverberation

$69.95 $5 monthly

Fisher K-10 Reverberation System

- **Adds New "Depth" to Hi-Fi for Music-Hall Acoustics**
- **For All Systems with Tape Monitor Or Separate Preamps**

Adds a thrilling new dimension to hi-fi sound systems, stereo or mono. By delaying part of the audio signal for 33 milliseconds, the K-10 duplicates the sound of a concert hall so perfectly that you'll think you're hearing a live performance. Plugs into any Fisher receiver including earlier models such as 400, 500, and 800. Can also be used with other systems having tape monitoring facilities or separate preamplifiers. For 105-120 VAC. Shpg. wt., 10 lbs.

13 C 2097 X. *$5 Monthly*	69.95

New Altec-Lansing Model 711B 100-Watt Stereo FM Receiver

$359.55 Less Case
$17 monthly

- All-Silicon-Transistor Output
- Self-Resetting Circuit Breakers
- Tape Monitor • Tape Head Input

New solid-state stereo FM receiver with up-to-the minute design and features for superlative performance. Field-Effect-Transistor front-end and Integrated Circuit IF strip assure flawless stereo. Tuning meter, stereo indicator light, between-station muting, speaker selector switch, stereo headphone jack. Full complement of controls and inputs for all music sources. *Response:* ±1 dB, 15-25,000 Hz. *Capture Ratio:* 2.5 dB. 5⅜x16⅜x12". Optional case below. For 117 VAC. Shpg. wt., 32 lbs.

13 C 2815 U. *$17 Monthly*	359.55
13 C 2816 X. Walnut Wood Case. 12 lbs.	21.60

RECEIVERS

H. H. SCOTT

Scott—Famous for Superb Performance, Quality Craftsmanship

SCOTT Solid-State Stereo Receivers . . Advanced Design, Luxurious Styling

Stereomaster 341

Shown in walnut case

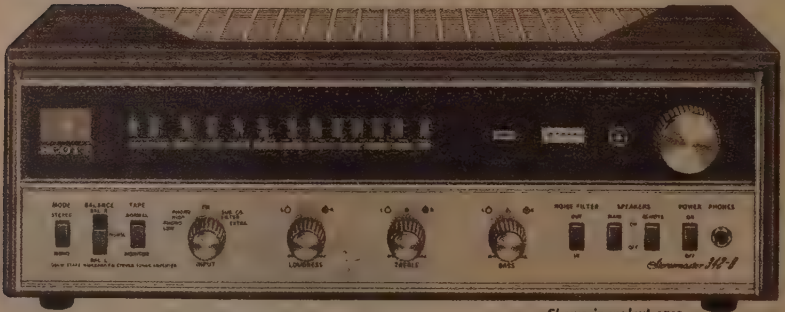
A

50 WATTS

Model 341 Stereo FM Receiver

$219⁹⁵ less case

$11 monthly


SCOTT
Stereomaster 342-B

Shown in walnut case

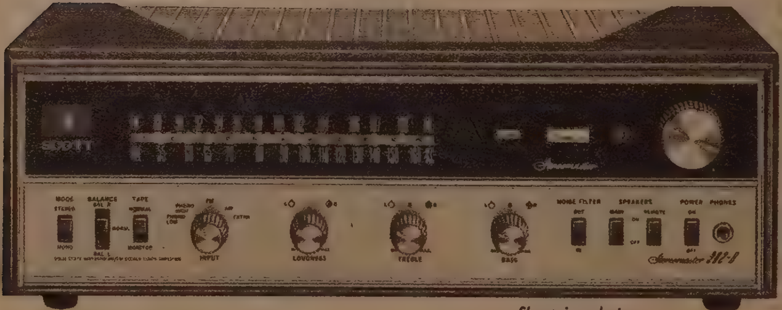
B

65 WATTS

Model 342B Stereo FM Receiver

$255⁰⁰ less case

$13 monthly


SCOTT
Stereomaster 382-B

Shown in walnut case

C

65 WATTS

Model 382B Stereo FM-AM Receiver

$290⁰⁰ less case

$15 monthly

Use Allied's Credit Fund Plan to Get Your Stereo Receiver Now

SCOTT Solid-State Stereo Receivers with Deluxe Integrated Circuits

A New 341 50-Watt Stereo FM Receiver

- Uses FET's in Front-End and in Tone Control Circuit
- Integrated Circuit IF's
- Integrated Circuit Preamp
- New Solderless Connectors on Printed Circuit Boards
- Stereo Threshold Adjustment for Perfect FM Switching

w 50-watt solid-state stereo FM receiver boasts famous ott performance and features at a moderate price. De-ers superb, true-to-life stereo FM. Advanced circuit sign features FET's in front end and tone control circuit super-stability. Integrated circuit IF's and preamp er highest reliability.

ereo threshold adjustment lets you have perfect auto-tic stereo switching in any area. Dual clutch-type bass d treble controls. Wide slide-rule dial, stereo indicator ht, center-tuning meter. Printed circuit boards use new derless connectors for extra reliability.

wer: 50 watts at 4 ohms, 35 watts at 8 ohms. *Response:* dB, 20-20,000 Hz. *Usable FM Sensitivity:* 2.5 µV. *FM paration:* 30 dB. *Capture Ratio:* 2.5 dB. *Signal-Noise:* dB. *Inputs:* magnetic phone, aux., tape monitor. *Out-ts:* 4-16 ohm speakers, headphones, tape. Size, 14¾x ½x4⅛". Order optional case below. For 115 volts, 50-60 AC. Shpg. wt., 17 lbs.

C 2719 U. *$11 Monthly*	219.95
C 2001 X. Brown Metal Case. Shpg. wt., 5 lbs.	12.50
C 2040 X. Oiled Walnut Wood Case. Wt., 6 lbs.	20.82

B 342B 65-Watt Stereo FM Receiver

perb receiver with Scott extra-quality features for the est possible performance. Silver-plated Field-Effect-ansistor front-end plus all-silicon circuitry with inte-ted circuit IF amplifier for super-sensitivity and selec-ity and full stereo separation. Transformerless output powerful full response performance. Noise filter for erference-free FM.

ecision tuning meter; stereo indicator light; main/-note speaker switch; bass and treble controls for each annel; tape monitor. Inputs for all music sources. *Re-nse:* ±1 dB, 18-25,000 Hz. *Usable FM Sensitivity:* 2.2 *FM Separation:* 36 dB. *Outputs:* 4-16 ohm speakers, adphones, recording. Size, $4\frac{7}{16}$x$15\frac{1}{16}$x$11\frac{3}{4}$". Order op-nal case below. For 115 volts, 50-60 Hz AC. Shpg. wt., lbs.

C 2711 U. *$13 Monthly*	255.00
C 2001 X. Brown Metal Case. Shpg. wt., 5 lbs.	12.50
C 2040 X. Oiled Walnut Wood Case. Wt., 6 lbs.	20.82

C 382B 65-Watt Stereo FM-AM Receiver

ceiver has Scott's deluxe features for outstanding FM d AM performance. Integrated-circuit IF amplifier for erior sensitivity and stereo separation. Transformerless con output stage provides broad power bandwidth for like stereo. Exclusive Automatic Variable Bandwidth amazingly clear AM. Silver-plated Field-Effect-Tran-tor front-end for high selectivity and freedom from ong-signal interference.

ning meter, subchannel filter, stereo indicator light, tomatic stereo switching, bass and treble controls for h channel, tape monitor, full inputs. *Response:* ±1 dB, -25,000 Hz. *FM Sensitivity:* 2.2 µV. *FM Separation:* dB. *Outputs:* 4-16 ohms, stereo headphone, recorder. 6x$15\frac{1}{16}$x$11\frac{3}{4}$". Optional case below. For 110-120 volts, -60 Hz AC. Shpg. wt., 17 lbs.

C 2713 U. *$15 Monthly*	290.00
C 2001 X. Brown Metal Case. Shpg. wt., 5 lbs.	12.50
C 2040 X. Oiled Walnut Wood Case. Wt., 6 lbs.	20.82

344C 90-Watt Stereo FM Receiver

$\$339^{95}$ less case
$16 monthly

- Integrated-Circuit IF Stage
- Field-Effect-Transistor Front-End
- Computer-Type Pushbutton Switches

One of Scott's finest receivers, with powerful 90-watt IHF output at 4 ohms for breathtaking performance. Superb stereo separation and sensitivity. Silver-plated FET front-end. Transformerless silicon transistor output. Tuning meter, interstation muting, main/remote/both speaker switch, tape monitor. Full array of controls and inputs plus front-panel mike/guitar inputs. *Response:* ±1 dB, 15-30,000 Hz. *Sensitivity:* 1.9 µV. *Outputs:* 4-16 ohms, stereo headphone, tape recorder. 5½x17⅛x13". Order case below. 115 VAC.

13 C 2714 U. Wt., 25 lbs. *$16 Monthly*	339.95
13 C 2733 X. Oiled Walnut Wood Case. Wt., 6 lbs.	26.95

384 90-Watt Stereo FM-AM Receiver

$\$369^{95}$ less case
$17 monthly

- Automatic Stereo FM Switching
- Automatic Variable Bandwidth on AM
- Full Inputs, *Plus* Mike and Guitar

Similar to Model 344C (above), but includes exceptionally clear AM coverage in addition to magnificent stereo FM reception. 5¼x17⅛x13". Order case below. For 115 VAC. Shpg. wt., 25 lbs.

13 C 2710 U. *$17 Monthly*	369.95
13 C 2733 X. Oiled Walnut Wood Case. 8 lbs.	26.95

KIT BUILDERS!

See Page 473 for Famous Scott-Kit Stereo Receiver, Tuner and Amplifier Kits

RECEIVERS

H. H. SCOTT

SCOTT High-Powered Stereo Receivers

Scott's Two Finest and
Most Powerful Receivers!
Both Deliver 120 Watts
of Super-Stereo . . . Choice
of FM or FM-AM

A

120 Watts
FM-AM
$\$474^{95}$ les ca
$20 monthly

B

120 Watts
FM
$\$449^{95}$ less
$20 monthly

A 388B 120-Watt Stereo FM-AM Receiver

Scott's finest stereo FM-AM receiver. Super-sensitive Field-Effect-Transistor front end, integrated circuits, plus advanced features for stereo FM. Automatic Variable Bandwidth for outstanding AM, too. Has all controls and inputs for phono, tape, and mike. Between-station silencing; tuning meter; tape monitor; stereo indicator light; rumble, scratch filters; main/remote speaker switch. *Power:* 120 watts IHF at 4 ohms. *Response:* 15-30,000 Hz. *FM Sensitivity:* 1.5 µV. *Harmonic Distortion:* 0.8%. *Outputs:* 4-16 ohms; stereo phones; recording. $4\frac{15}{16}$x$15\frac{9}{16}$x$12\frac{1}{4}$". Optional case below. For 110-120 V, 60 Hz AC.

13 C 2717 U. Shpg. wt., 29 lbs. *$20 Monthly*......474.95
13 C 2733 X. Oiled Walnut Case. Shpg. wt., 8 lbs.....26.95

B 348B 120-Watt Stereo FM Receiver

Scott's 348B stereo FM receiver develops a depth a
breadth of sound that gives you stereo with exciti
realism. Packing plenty of reserve power, it pours out 1
watts of incredibly fine sound. Meets the same supe
specs as the 388B at left (but without AM) to give y
total control of every audio source. Has computer-ty
pushbutton switches for easy adjustments. Silver-plat
front end and integrated-circuit IF's for amazingly sen
tive reception of weak or distant FM stations. Si
$4\frac{15}{16}$x$15\frac{9}{16}$x$12\frac{1}{4}$". Optional case below. For 110-120 vol
60 Hz AC.

13 C 2720 U. Shpg. wt., 25 lbs. *$20 Monthly*.....449.
13 C 2733 X. Oiled Walnut Case. Shpg. wt., 8 lbs.....26.

UNIVERSITY 120-Watt Silicon Solid-State Stereo Receiver

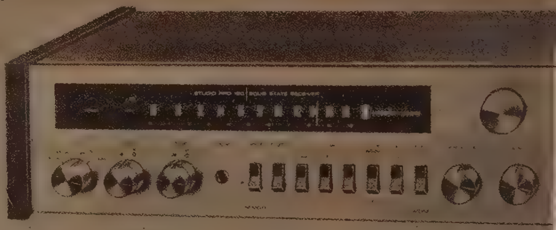
Studio "Pro 120" FM Receiver

Super-deluxe receiver has major advancements that set new standards in FM-stereo reception. MOSFET front end picks up distant stations and locks them in without drift. Conservatively rated amplifier pours out 120 watts of IHF power for exciting stereo realism.

Special logic circuit switches to mono FM if interference occurs, switches back to stereo when noise stops. Integrated-circuit IF strips, each with 17 semiconductors, for razor-sharp 55 dB selectivity and capture ratio under 1 dB. Stereo indicator light.

Response: +0, −3 dB, 10-100,000 Hz. *FM Separation:* 40 dB. *Inputs:* tape head, mag. phono, aux., monitor. *Outputs:* 4-16 ohms, phones, center-channel. $4\frac{1}{2}$x$16\frac{1}{8}$x12". End-panels below. 110-120 V, 60 Hz AC.

13 C 2770 U. 18 lbs. *$18 Monthly*...379.50
13 C 2771 X. Walnut End Panels. 6 lbs. Pr. 9.95



Walnut end-panels optiona

120 Watts FM
$\$379^{50}$
$18 monthly

- Automatic-Reset Circuit Breakers
- Center-Channel Meter • Stereo Light
- Between-Station Muting Switch
- Dual Bass and Treble Controls
- High- and Low-Frequency Filters

SCOTT Solid-State Stereo Components

RECEIVERS

H. H. SCOTT • EICO

With Speakers $199.95 $10 monthly

With Speakers $349.95

"Scottie" 12 VDC/110VAC Receiver System

50. New "Music Maker" stereo FM-AM receiver system erates on 12 VDC in cars, boats or portable, or AC line. ffers features comparable to many more expensive compoent systems. Automatic stereo switching. Separate tone ntrols for each channel. Sensitive FET front-end. Inteated circuit preamp and IF strip. Advanced "Full Comementary Output" delivers virtually undistorted sound en at the lowest listening levels.

cludes inputs for tape recorder and magnetic phono. ront panel stereo headphone jack. Complete tape monitorg facilities. Acoustic suspension speaker systems. FM nsitivity, 2.5 µV. Receiver, 5½x13⅝x7¼". Speakers, ⁄2x13⅝x6¾". For 12 VDC/110 VAC.
C 2678 X. Shpg. wt., 30 lbs. *$10 Monthly*. 199.95

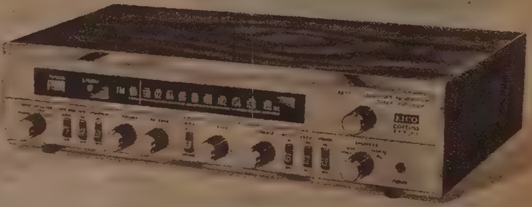
Scott 2502 36-Watt FM-AM-Phono Compact

Stereo compact features sensitive FET front-end for thrilling stereo FM realism. All-silicon transistors. Transformerless output for 18-25,000 Hz response. 36 watts IHF. Precision 4-speed automatic turntable with magnetic cartridge. Speaker systems each have 6" woofer, 3" tweeter. Inputs for mike and guitar. 7⅝x16¾x15¼". Speakers, 14x8¾x6". Matching walnut veneers. Dust cover, below. 115 VAC. Shpg. wt., 51 lbs.
13 C 0343 L2U. *$17 Monthly*. 349.95

2504 Stereo FM-Phono Compact. Same as above, but no AM. Optional dust cover, below. Shpg. wt., 51 lbs.
13 C 0339 L2U. *$15 Monthly*. 299.95

13 C 2677 X. Plastic Dust Cover. Fits Scott 2502 and 2504 stereo compacts. Shpg. wt., 4 lbs. *$5 Monthly*. 19.95

EICO Solid-State 70-Watt Stereo Receivers



NEW

3770 Stereo FM-AM Receiver

279.95

- All-Silicon Circuit
- With Walnut-Grain Metal Case

uality solid-state FM-AM receiver delivers 70 watts power for thrilling stereo M and superb AM. Direct-coupled for ide 8-60,000 Hz response. Tuning meter, ereo indicator. Inputs: mag. phono, pe, aux. Outputs: 4-16 ohms, headhones, recorder. With metal case. 4⅛x x9". 115 VAC. 14 lbs.
C 2335 U. *$14 Monthly*. 279.95

eluxe Walnut Wood Case. Takes Eico 770 or 3570 Receiver and has uncut mtg. oard for any automatic turntable. Built- turntable dust cover. (6½x32½x14".) C 2336 X. Shpg. wt., 5 lbs. 39.95

SEE PAGES 476 AND 477 FOR EICO STEREO COMPONENTS IN KIT FORM

3570 Stereo FM Receiver

$259.95

- All Silicon Circuit
- Hi and Lo Filters
- With Metal Case

Famous Eico model. Fine all-silicon solid-state receiver provides outstanding stereo FM. Powerful 70 watt IHF output (4 ohms) for striking realism. Response, 8-60,000 Hz. Boasts 5 tuned circuits in front end, and 4 double-tuned IF stages for excellent sensitivity and selectivity. Transformerless output for full response. Tuning meter, stereo indicator light, AFC, store-cast filter. Inputs: mag. phono, tape, aux. Outputs: 4-16 ohms, recorder, headphones. Tape monitor. With walnut-grain metal case. 4½x16x9". 115 VAC. 14 lbs.
13 C 2343 U. *$13 Monthly*. 259.95

KENWOOD Solid-State Stereo Receivers
..Deluxe Features for Fine Performanc

TK-66
Stereo FM-AM
Receiver

$\$239^{95}$ With Case

$12 monthly

TK-66 60-Watt Stereo FM-AM Receiver

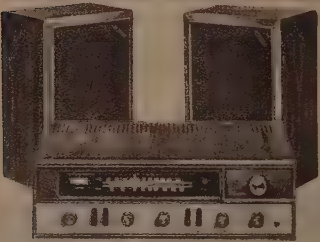
This fine stereo receiver boasts Field-Effect-Transistor front-end, a
silicon amplifier, and other exciting features for superb stereo pe
formance. Highly-selective IF, with 5 stages, 4 limiters and wid
band ratio detector. Automatic FM stereo/mono switching, stere
indicator light, illuminated FM-AM tuning meter, switchable b
tween-station muting. Amplifier offers excellent 20-50,000 Hz respon
and delivers 60 watts IHF power. Tape monitor, center-channel ou
put, scratch and rumble filters. Automatic circuit breaker protecti
for power transistors. Low 0.3% IM distortion. FM Separation:
dB. Inputs: mag. phono, tape head, tape deck. Outputs: 4-16 ohn
(for two sets of stereo speakers, with front-panel switch), stereo hea
phones, recording. With handsome walnut-finish metal case. For 1
V, 60 Hz AC. 5x16½x12". From Japan. Shpg. wt., 23 lbs.
13 C 2494 U. *$12 Monthly*.................239.9

$\$199^{95}$ With Case

$10 monthly

TK-55 60-Watt Stereo FM Receiver

Similar to Model TK-66, but no AM. Silicon amplifier, FET front-end, automatic stereo/mono switching, circuit breakers, tape monitor, two sets of spkr. outputs. With metal case. 5x16½x12". From Japan. Wt., 20 lbs.
13 C 2442 U. *$10 Monthly*....... 199.95



TKS-40X 40-Watt Stereo FM-AM Music System

$\$239^{95}$ With Case

$12 monthly

- Solid-State Receiver
- TwoSpeakerSystems
- FET Front-End

Compact music system plays outstanding stereo FM, wideband AM through wide-range speakers. Stereo receiver has 5 IF's, 4 limiters, automatic stereo switching, tuning meter.

Silicon output transistors with circuit-breaker protection. Tape monitor. Bass, treble controls. Inputs for magnetic phono, aux., tape. *IHF Output:* 40 watts. *Response:* 20-50,000 Hz.

Speaker systems (16⅛x10x8") each have 6½" woofer, 2¾" tweeter. Walnut veneer. Receiver includes walnut finish metal case, 5x16½x12". 115 VAC. Japan. Wt., 37½ lbs.
13 C 0170 L2U. *$12 Monthly*..239.95

TK-40X Stereo FM-AM Receiver Alone. Shpg. wt., 20 lbs.
13 C 2478 U. *$9 Monthly*......179.95

TK-140 130-Watt Stereo FM-AM Receiver

$\$339^{95}$ With Case

$16 monthly

- FET Front-End
- Keyboard Switches
- Interstation Muting

Powerful receiver loaded with deluxe extras for superb stereo performance. Field-Effect-Transistor front-end for super-sensitivity. Silicon output transistors for amazingly clean sound. Keyboard-type switches.

Time division stereo FM circuit provides 38 dB channel separation. Automatic stereo switching, between station muting, tuning meter, tape monitor, speaker selector switch (for 2 sets of spkrs.).

Power Output: 130 watts IHF at 4 ohms; 100 watts continuous. *Response:* ±2 dB, 20-50,000 Hz. *FM Harmonic Distortion:* 0.6%. *FM Sensitivity:* 2 μV IHF. *Inputs:* magnetic and ceramic phono; tape head; recorder. *Outputs:* 4-16 ohms; headphones; tape; center channel output. Walnut-finish metal case. 5½x16½x13¼". 110-120 VAC. Japan. 31 lbs.
13 C 2489 U. *$16 Monthly*....339.95

TK-88 90-Watt Stereo FM-AM Receiver

$\$289^{95}$ With Case

$15 monthly

- Luxurious Styling
- FET Front End
- Interstation Mut|ng

Excellent stereo FM-AM receiver d
livers rich stereo sound that w
delight even the critical listene
Field-Effect-Transistor front-end f
top sensitivity. Has five IF stage
four limiters, and wideband rat
detector. Between-station muting.

Automatic stereo switching, tuni
meter, stereo indicator light. Speak
selector switch. Silicon output transi
tors for fine performance. Tape mon
tor. Automatic circuit breaker pr
tects output transistors.

Response: 20-50,000 Hz. *FM Harmon*
Distortion: 0.6%. *FM Sensitivity:* 2
IHF. *Inputs:* magnetic phono, ta
head, aux. *Outputs:* 4-16 ohms; hea
phones; tape; center channel f
separate mono amplifier. Walnut fi
ish metal case. Size, 5½x16½x13¼
For 110-120 VAC. From Japan. Shp
wt., 24 lbs.
13 C 2430 U. *$15 Monthly*....289.9

New SHERWOOD Stereo Receivers
/ith High-Reliability "Micro-Circuits"

Shown in metal case

S-7800 140-Watt Stereo FM-AM Receiver

419^{50} less case
$19 monthly

- **NEW Receiver with Micro-Circuits**
- **FET Front End and Silicon Transistors**
- **Front-Panel Preamp Level Adjustment**

agnificent receiver boasts all silicon transistors with eld-Effect Transistors in RF and mixer stages *plus* new ficro-Circuits" for superb FM. Also quality AM. Tun- meter, between-station muting. Instant output over- d protection. Tape monitor. Main/Remote speaker itches. *Response:* ±½ dB, 20-20,000 Hz. *IM Dist.:* %. *FM Sensitivity:* 1.8 μV IHF. *Capture Ratio:* 2.0 dB. x16½x14". For 117 VAC. Optional case below. Shpg. ., 27 lbs.

C 2447 U. *$19 Monthly*....................419.50
C 2475 X. Walnut Grain Metal Case. Wt., 8 lbs........9.00
C 2429 X. Oiled Walnut Wood Case. Wt., 8 lbs......28.00

Shown in wood case

S-8800A 160-Watt Stereo FM Receiver

$399^{50} less
$18 monthly

- **NEW Receiver with Micro-Circuits**
- **All-Silicon With FET Front End**
- **Pushbuttons for Functions**

Tremendous power, plus pushbuttons for convenient function selection. A superb receiver offering top convenience . . . designed for the connoisseur. Micro-Circuits and FET's for finest stereo. Tuning meter, automatic FM stereo/mono switching, interstation muting, instant output overload protection. *Response:* ±½ dB, 20-20,000 Hz. *FM Sensitivity:* 1.8 μV IHF. *Capture Ratio:* 2.0 dB. 4½x16½x14". For 117 VAC. Optional case below. Shpg. wt., 27 lbs.

13 C 2453 U. *$18 Monthly*....................399.50
13 C 2475 X. Walnut Grain Metal Case. Wt., 8 lbs......9.00
13 C 2429 X. Oiled Walnut Wood Case. Wt., 8 lbs.....28 00

Shown in metal case

359^{50} less case
$17 monthly

S-7600A 100-Watt Stereo FM-AM Receiver

ie receiver with all-silicon circuit, FET front-end, and v Micro-Circuits for superb stereo FM, excellent AM. tomatic FM stereo-mono switching, tuning meter, tween-station muting, tape monitor. Main, remote eaker switch. Stereo headphone jack. *Output:* 100 watts F. *Response:* ±½ dB, 20-20,000 Hz. *Power Bandwidth:* 25,000 Hz. *FM Sensitivity:* 1.8 μV. 4½x16¼x12". For 7 VAC. Optional case at right, Wt., 22 lbs.

C 2458 U. *$17 Monthly*....................359.50

Shown in metal case

$319^{50} less case
$16 Monthly

S-8600A 100-Watt Stereo FM Receiver

Latest Sherwood design advancements in a moderately priced receiver. "Micro-Circuits," FET's, silicon transistors—all add up to magnificent stereo and mono FM. Same outstanding specifications as S-7600A at left, but FM only. 100 watts output. Size, 4½x16¼x12". For 117 VAC. Optional case below. Shpg. wt., 22 lbs.

13 C 2465 U. *$16 Monthly*....................319.50
13 C 2428 X. Walnut-Grain Metal Case. 8 lbs..........9.00
13 C 2427 X. Oiled Walnut Wood Case. 8 lbs..........28.00

ADC 1000 Solid-State 100-Watt Stereo FM Receiver

- **"Dio-Matic" Tuning for Instant Pushbutton Selection of Up to Five of Your Favorite Stations**
- **Slide-Rule Dial for Manual Tuning**
- **FET Front-End**

ll-feature receiver provides great performance and unual operating convenience. "Dio-Matic" pushbutton ning lets you instantly select any one of five FM stations ich you have preset. Slide-rule dial for manual tuning, T front-end, AFC, center-tuning "S" meter. Main/ mote speaker switch. *Output:* 100 watts IHF. *Response:* -20,000 Hz. Full controls and inputs. 5½x17½x11". tional case below. For 115 VAC. Wt., 23 lbs.

C 2817 U. *$17 Monthly*....................349.95

del 1200. Same as above, but also receives AM band. pg. wt., 23 lbs. Optional case below.

C 2818 U. *$18 Monthly*....................389.50
C 2819 X. Walnut Case. Shpg. wt., 7 lbs..........24.95

FM Model 1000
$349^{95} less case $17 monthly

FM-AM Model 1200
$389^{50} less case $18 monthly

Harman-Kardon Stereo Compacts

$449⁵⁰

$20 monthly

Solid-State 50-Watt Stereo Tape-Phono-FM System

- Built-in Stereo Cassette Tape Recorder
- 4-Speed Garrard Automatic Record Changer
- Wide-Range Two-Way Speaker Systems
- Automatic Stereo/Mono FM Switching
- Stereo Indicator Light
- Vernier Tuning

Built-in Stereo Tape Cassette Recorder

Records Up to 2 Hours on Fast-Loading Philips-type Cassettes

Model SC-2520. Most versatile stereo compact ever—offers full tape recording facilities, plus stereo FM and Garrard automatic turntable. Records up to two hours on the widely-acclaimed cassette-type recorder. Has keyboard controls, mono/stereo switch, level meter, mike inputs. Records direct from records, FM; "live" with your own mikes. Controls: bass, treble, balance, loudness. Stereo headphone jack. Switches for main, auxiliary speakers. Garrard automatic turntable with Grado Type B stereo cartridge. Each speaker system has 8" woofer, 3" tweeter. Output: 50 watts IHF. ±1.5 dB, 20-30,000 Hz. IHF FM Sensitivity: 2.9 μV. FM Separation: 30 dB. Control center, 8½x18¼x17⅞". Speakers, 17¼x11¼x8¼". Walnut finish. Less mikes. For 117 VAC. Shpg. wt., 75 lbs.

13 C 0350 L2U. *$20 Monthly*..449.50

13 C 2132 X. Molded Plastic Dust Cover. Wt., 2 lbs. *$5 Monthly*..........19.95

50-Watt Solid-State Stereo FM-Phono System

$329⁵⁰

$16 monthly

3-Piece Walnut Ensemble

Model 2020. Compact system offe fine stereo performance. Has aut matic stereo FM switching wit indicator light, vernier tunin center-channel tuning meter. Ga rard 4-speed automatic turntab with cartridge. Automatic shuto Full complement of controls i cludes bass, treble, loudness, spea er and function selector switche Front-panel stereo headphone jac FM sensitivity, 2.9 μV IHF. Sep ration, 30 dB. ±1.5 dB 30-30,0 Hz. Output, 50 watts IHF.

Each speaker system has 8" woofe 3" tweeter. Control center, 8½ 18$\frac{13}{16}$x17¾". Speaker system 17¼x11¼x8¼" each. Oiled wa nut. 117 VAC. 70 lbs.

13 C 0352 L2U. *$16 Mo*.....329.5

13 C 0351 L2U. Model 2320. Abov plus AM. Wt., 70 lbs..........359.

13 C 2132 X. Molded Plastic Dust Co er. For 2020 or 2320. 2 lbs...19.

NEW
at ALLIED

New 60-Watt Stereo FM-AM-Phono Syste

$499⁵⁰

$21 monthly

- Advanced Solid-State Design with MOSFET's and Integrated Circuits
- Dual 1009SK Automatic Turntable

Model SC740. Harman-Kardon's finest stereo compa Integrated micro-circuit IF strip and MOSFET FM a AM front ends provide superb reception. Automatic ster FM switching, indicator light. Zero-center FM tuni meter. Tape monitor. Main/remote speaker switch. Ba ance control. Stereo headphone jack. Dual 1009SK speed automatic turntable with magnetic cartrid Speaker systems each have 10" woofer, 3½" tweeter. IH output, 60 watts. ±1.5 dB, 8-45,000 Hz. FM sensitivit 2.5 μV IHF. Oiled walnut. Control center, 10x18x18 Speakers, 22⅞x12⅛x10½" each. 117 VAC.

13 C 0373 L 3 U. Wt., 104 lbs. *$21 Monthly*..........499.

13 C 2156 X. Molded Plastic Dust Cover. 2 lbs..........19.

Harman-Kardon Superb-Quality Solid-State Stereo Receivers

Model 520 70-Watt Stereo FM Receiver

269^{00} less case
$14 monthly

- MOSFET Tuner Front-End • Tape Monitor
- Integrated Circuit IF • FM Muting
- Front-Panel Main/Remote Speaker Switch

rilling stereo FM realism. Superb styling—dial disappars when receiver is turned off. Metal oxide silicon fieldect-transistor (MOSFET) FM front end for excellent ereo even in fringe areas. Integrated circuit IF section. ereo indicator light, tape monitor, headphone jack. *Out-t:* 70 watts IHF. *Response.* ±1 dB, 8-40,000 Hz at full wer. *Harmonic Distortion:* under 1%. *Sensitivity:* 1.95 . 4⅝x15$\frac{9}{16}$x12½". For 110-120 V, 60 Hz AC. Optional case low. Shpg. wt., 21 lbs.

C 2195 U. *$14 Monthly*.......................269.00

odel 530 FM-AM Receiver. Same as above, but also reives AM. Shpg. wt., 21 lbs.

C 2196 U. *$15 Monthly*.......................299.00

C 2198 X. Oiled Walnut Wood Case. Wt., 6 lbs.....29.95

Model 200 50-Watt Stereo FM Receiver

$\$215^{00}$ less case
$11 monthly

- MOSFET Front End • Tuning Meter
- Automatic FM Stereo/Mono Switching
- Front-Panel Stereo Headphone Jack

Luxurious styling and exciting stereo FM reception at a surprisingly low price. Features latest MOSFET (metal-oxide silicon field-effect transistor) front end. Also has tape monitor, stereo headphone jack, tuning meter, automatic stereo/mono FM switching with stereo indicator light. *Output:* 50 watts IHF. *Response:* ±1 dB, 10-23,000 Hz at full power. *FM Sensitivity:* 2.7 μV IHF. *Stereo Separation:* 30 dB. 4½x14¾x13¼". Optional case below. For 110-120 V, 60 Hz AC. Wt., 20 lbs.

13 C 2177 U. *$11 Monthly*.......................215.00

Model 210 FM-AM Stereo Receiver. Same as above, but also receives AM. Shpg. wt., 20 lbs.

13 C 2174 U. *$13 Monthly*.......................245.00

13 C 2168 X. Oiled Walnut Wood Case. Wt., 6 lbs.....21.20

New Solid-State Receivers by Electro-Voice

NEW at ALLIED

1181 40-Watt Stereo FM Receiver

ll-feature receiver at a remarkably low ice. FET front-end, integrated circuit IF rip, plug-in modular circuitry. Mono-stereo itch combined with balance control. Inditor lights show input selected. Tape, headone outputs. *Output:* 40 watts IHF at 8 ohms. *ndwidth:* 20-30,000 Hz. FM Sensitivity: 2.5 V IHF. *Capture Ratio:* 2 dB. 3¾x14¾x10¼". ptional case below. 117 VAC. 16 lbs.

C 2805 U. *$9 Monthly*...............179.95

odel 1182 FM-AM Stereo Receiver. Above, but so receives AM. Wt., 17 lbs.

C 2806 U. *$10 Monthly*...............199.80

C 2807 X. CWR-1 Walnut Case. 7 lbs...16.95

$\$179^{95}$ less case
$9 monthly

- Sensitive Field-Effect-Transistor Front-End
- Direct-Coupled All-Silicon Amplifier Section
- Integrated Circuit IF • Zero-Center Tuning Meter

1281 60-Watt Stereo FM Receiver

eluxe high-power receiver at a moderate rice. Boasts FET front end, integrated circuit F, silicon output circuit. Main/remote speaker witch. Tape monitor. Indicator light shows put in use. Headphone jack. *Output:* 60 watts HF at 8 ohms. *Power Bandwidth:* 20-30,000 z. *FM Sensitivity:* 2.5 μV IHF. *Capture Ratio:* dB. 3¾x14¾x10¼". Optional case below. or 117 VAC. Wt., 18 lbs.

3 C 2808 U. *$11 Monthly*...............219.60

odel 1282 Stereo FM-AM Receiver. Above, but so receives AM. Wt., 19 lbs.

C 2809 U. *$12 Monthly*...............239.40

C 2807 X. CWR-1 Walnut Case. 7 lbs....16.95

$\$219^{60}$ less case
$11 monthly

- FET Front-End • Integrated Circuit IF Strip
- Plug-in Modular Circuitry for Top Dependability
- Main/Remote Speaker Switch • Tape Monitor

Deluxe Solid-State Receivers

Shown in wood case

NEW at ALLIED

Bogen RX-200 120-Watt Stereo FM-AM Receiver

$329.95 Metal Case
$16 monthly

- FET FM Front-End
- All-Silicon Circuit
- Inter-station Hush

Bogen's most powerful receiver. Has sensitive FET front-end, between-station silencing, automatic stereo FM switching. All-silicon modular circuit. Pushbutton selector. Tuning meter. Tape monitor. Main/remote speaker selector switch. Full array of controls and inputs for all sources. Headphone jack. *Power:* 120 watts IHF. *Response:* ±1 dB, 10-35,000 Hz. *Harmonic Distortion:* 0.2% at full power. *FM Sensitivity:* 2.0 µV. 4¾x16x15". With metal case; wood case below. For 117 VAC. Wt., 32 lbs.
13 C 2802 U. *$16 Monthly*.....329.95
13 C 2585 X. WE13 Oiled Walnut Wood Case. Shpg. wt., 7 lbs...........29.95

Shown in wood case

Bogen RX-150 75-Watt Stereo FM-AM Receiver

$269.95 Metal Case
$14 monthly

- FET FM Front-End
- All-Silicon Circuit
- Tuning Meter

Outstanding receiver at a moderate price. Boasts FET FM front-end, AGC on AM for superb reception. All-silicon circuitry. Automatic stereo FM switching with indicator light, Tuning meter. Four-position speaker switch. Baxandall tone control circuit. Scratch filter, full complement of controls, inputs for all sources. *Power:* 75 watts IHF. *Response:* ±1 dB, 20-30,000 Hz. *Harmonic Dist.:* under 0.5%. *FM Sensitivity:* 2.7 µV. 4½x16x12½". With metal case: wood case below. 117 VAC. 19 lbs.
13 C 2810 U. *$14 Monthly*.....269.95
13 C 2811 X. WE16 Oiled Walnut Wood Case. Shpg. wt., 7 lbs..........24.95

Marantz 18 80-Watt Stereo FM Receiver

$695.00 less case
$29 monthly

- Built-in Oscilloscop for Perfect Tunin
- ProfessionalQualit

Magnificent receiver, engineered t satisfy the exacting audiophile an professional user. Oscilloscope tuning indicator shows multipath. Passive RF circuit eliminates distortion from strong stations. Tap monitor. Inputs, outputs for al sources. *Power:* 80 watts rms. *Response:* ±1 dB, 15-30,000 Hz. *Harmonic Distortion:* 0.1%. *FM Sensitivity:* 2.5 µV. *Channel Separation* 45 dB. 6x18¼x16". For 117 VAC Optional case below. 40 lbs.
13 C 2260 U. *$29 Monthly*. 695.00
13 C 2261 X. Oiled Walnut Wood Case. Shpg. wt., 11 lbs......39.50

NEW at ALLIED

Pioneer SX-1500T Feature-Packed 170-Watt Stereo FM-AM Receiver

$345.00
$17 monthly

- Field-Effect-Transistor FM Front-End
- Four Integrated Circuits in IF
- Tape Monitor • Silicon Output Circuit
- Tuning Meter • Stereo Indicator Light

Extraordinary receiver has performance and features to please the most critical audiophile. FET FM front-end and integrated-circuit IF provide a remarkable capture ratio of 1 dB. Has time switching multiplex circuit, between-station silencing. High and low filters. Front panel switch for 2 magnetic phono inputs. Tape head input equalized for 3¾, 7½ ips. Switch for main, remote speakers, stereo headphone jack. *Power:* 170 watts IHF at 4 ohms. *Response:* ±1 dB, 20-70,000 Hz. *Harmonic Dist.:* under 0.1%. *FM Sensitivity:* 1.7 µV. *Separation:* 37 dB. 5½x15¾x13¾". Walnut end-panels. 117 VAC. Japan. Shpg. wt., 29 lbs.
13 C 2812 U. *$17 Monthly*........................345.00

NEW at ALLIED

Telmar 20-Watt Stereo FM-AM-Phono System with Garrard "30"

$159.30
$8 monthly

- Solid-State • Walnut Finish Cabinets
- Garrard Automatic Turntable

Separately, $184.40. **FAX 88 Receiver** has pushbutton selector for FM-AM-Phono. Tape. Tuning meter, stereo indicator light, tape output. 20 watts IHF output. 25-30,000 Hz. FM sensitivity, 2 µV. Bass, treble, balance controls. FM-AM antennas. **Garrard 30 4-Speed Automatic Turntable** with cartridge, base. **Speaker Systems** each have 5" woofer, 2½" tweeter. Receiver, 11x6¼x7". Speaker systems, 11x6¼x7" each. Turntable, 14$\frac{1}{16}$x12¾". For 117 VAC. 39¼ lbs.
13 C 0353 L2U. *$8 Monthly*......................159.30
13 C 2045 U. System Without Turntable. 29 lbs.....139.95

Deluxe Solid-State Stereo Music Systems Featuring Fisher and Kenwood Receivers

Value-Priced Fisher 160-T 40-Watt Stereo FM-Phono Music System

Separately, $324.25. A complete stereo music system for the price you would normally expect to pay for a Fisher-quality receiver *alone!* Delivers exciting lifelike stereo performance combined with unsurpassed convenience of operation.

Features Fisher 160-T Solid-State 40-Watt Stereo FM Receiver with total control over all audio sources. "Tune-O-Matic" pushbuttons let you instantly select any one of five easily preset stations or tune manually if you wish. Has sensitive FET front-end plus integrated circuit IF stage. Sculptured walnut sides—needs no optional cabinet.

Garrard 40 MK II 4-Speed Automatic Turntable with Base. Automatic or manual operation. **Pickering V15/AC-3 Stereo Cartridge** with diamond stylus. Two **Allied 3002 Two-Way Walnut Speaker Systems.** Each has an 8″ woofer, 3½″ tweeter. With all cables, hi-fi booklet. Shpg. wt., 64 lbs.

13 C 0428 D5U. *$14 Monthly*..................274.50

Save

$49.75

$274.50

$14 monthly

Superb Fisher 175-T 65-Watt Stereo FM-AM-Phono System

Separately, $424.25. Outstanding stereo system boasts premium-quality components at big savings. Specially selected by our Hi-Fi Manager to provide true-to-life realism of stereo FM and phono, plus crystal-clear, wideband AM reception.

Fisher 175-T Solid-State 65-Watt Stereo FM-AM Receiver. Has FET's in FM front end and two integrated circuits in IF stage. AM has dual detector to prevent distortion. Transformerless silicon output circuit. Controls, inputs, outputs for all stereo and mono sources. Order walnut case below.

Garrard SL55 4-Speed Automatic Turntable with Base. Synchro-Lab motor. Cuing lever. With two spindles, automatic or manual operation. **Empire 808E Stereo Cartridge** with elliptical diamond stylus. **Two Allied 3005A 3-Way Walnut Speaker Systems** with 10″ woofer, 6″ midrange, 3½″ tweeter. With cables, hi-fi booklet. Shpg. wt., 75 lbs.

13 C 0429 D5U. *$17 Monthly*..............349.20

13 C 2538 X. Walnut Receiver Case. Wt., 8 lbs..19.95

Save

$75.05

$349.20 less case

$17 monthly

Powerful Kenwood TK-66 60-Watt Stereo FM-AM-Phono Music System

Separately, $444.25. Dazzling stereo performance is yours with this outstanding stereo system. Selected by our Hi-Fi Manager to deliver connoisseur-quality performance and big savings.

Kenwood TK-66 Solid-State 60-Watt Stereo FM-AM Receiver is packed with up-to-the-minute features. FET FM front-end, between-station muting, silicon output transistors, automatic stereo/mono FM switching, scratch and rumble filters. Full controls and inputs for all stereo sources. Complete with walnut finish metal case.

Garrard SL65 Four-Speed Synchro-Lab Automatic Turntable with Base. Has cuing lever, anti-skate compensation. Automatic or manual operation. **Shure M93E Stereo Cartridge** with elliptical diamond stylus. **Two Allied 3005A 3-Way Walnut Speaker Systems** with 10″ woofer, 6″ midrange, 3½″ tweeter. With cables, hi-fi booklet. Shpg. wt., 82 lbs.

13 C 0430 D5U. *$17 Monthly*..................369.00

Save

$75.25

$369.00

$17 monthly

HI-FI MANAGER'S

SYSTEMS

Solid-State Stereo System

FEATURING SCOTT AND FISHER RECEIVER

Save
$100.05
$409^{25} less case
$19 monthly

Shown in wood case

Scott 342B 65-Watt Stereo FM-Phono System

Separately, $509.30. System offers superb ster
sound at great savings. **Scott 342B 65-Watt Solid-Sta**
Stereo FM Receiver has FET front-end, supe
response. **Garrard SL65 Synchro-Lab Automatic Tu**
table with ultra-precision speeds. With base. **Emp**
888E Stereo Elliptical Cartridge. Two **Allied 303**
Walnut Speaker Systems have 12" woofer, 6" mi
range, 3½" tweeter. With cables, hi-fi bookl
Order receiver case below. Wt., 88 lbs.
13 C 0419 D5U. *$19 Monthly*.................409.2

Cases for 342B or 382B Receivers.
13 C 2001 X. Metal Case. Wt., 5 lbs............12.
13 C 2040 X. Oiled Walnut Case. Wt., 6 lbs.....20.

Above System with FM-AM Receiver

Save
$100.05
$444^{25}

Separately, $544.30. Scot
382B Receiver instead o
342B, plus other compo
nents above. Case above
13 C 0420 D5U. Wt., 8
lbs. *$19 Monthly*... 444.2

Save
$136.05
$479^{20} less case
$20 monthly

Fisher 250T 100-W. Stereo FM-AM-Phono Syste

Separately, $615.25. Big savings on a top quali
system specially selected by our Hi-Fi Manager f
extraordinary value and performance. Provid
thrilling stereo music reproduction to satisfy t
most critical audiophile.

Fisher 250T 100-Watt Solid-State Stereo FM-AM R
ceiver has Field-Effect-Transistors and integrat
circuits for superior FM reception, plus wideba
AM. "Tune-O-Matic" pushbutton FM tuning f
instant selection of up to five preset statio
manual tuning too. **Garrard SL75 Automatic Turntab**
has Synchro-Lab motor for perfect speed. Has lo
mass pickup arm with adjustable counterweig
and stylus adjustment, cuing control, full 1
turntable with base. **Pickering XV15/AME Ster**
Elliptical Cartridge is complete with stylus brus

Two Allied 2330A Oiled Walnut Speaker Syste
with 12" woofer, 8" midrange, 3½" tweeter. Fr
quency response from 30-18,000 Hz. System is co
plete with all cables, and hi-fi booklet. Order recei
case below. Shpg. wt., 103 lbs.
13 C 0431 D5U. *$20 Monthly*...............479.2
13 C 2538 X. Walnut Case. Wt., 8 lbs...........19.

Save
$126.05
$669^{20} less case
$26 monthly

Scott 348B 120-Watt Stereo FM-Phono System

Separately, $795.25. Connoisseur-quality system f
magnificent stereo. **Scott 348B Solid-State Stereo F**
Receiver is Scott's finest, most powerful FM r
ceiver. Provides complete audio mastery of eve
stereo and mono source. **Garrard SL95 Synchro-L**
Automatic Turntable is the finest Garrard made. Wi
base. **Empire 888TE Stereo Elliptical Cartridge.** Tw
Allied 2260A Oiled Walnut Speaker Systems have 1
woofer, 8" midrange, and compression horn-load
tweeter. With cables, hi-fi booklet. Order recei
case below. Wt., 123 lbs.
13 C 0421 D5U. *$26 Monthly*...............669.2
13 C 2733 X. Walnut Case. 348B, 388B. 8 lbs...26.

Above System with FM-AM Receiver

Save
$131.05
$689^{20}

Scott 388B, same featur
of 348B, plus AM. I
cludes other componen
above. Case above.
13 C 0422 D5U. Wt., 12
lbs. *$29 Monthly*...689.2

See Allied's Credit Fund Plan to Get Your System No

Selected by Our Hi-Fi Manager

FEATURING SHERWOOD AND EICO RECEIVERS

HI-FI MANAGER'S SYSTEMS

Sherwood S-8800A 160-W Stereo FM-Phono System

Separately, $824.80. Super-value system delivers stereo with breathtaking concert-hall realism—saves you $205.30 off cost of components purchased separately. **Sherwood S-8800A Silicon Solid-State 160-Watt Stereo FM Receiver** provides powerful distortion-free sound. Has micro-circuits and Field-Effect-Transistors for finest stereo, pushbuttons for instant selection of your favorite FM stations, between-station muting. Order case below.

Garrard SL95 Synchro-Lab Automatic Turntable with precision Synchro-Lab motor. Has 12″ aluminum platter, counter-balanced wooden arm, cuing and pause lever, anti-skate compensation. Automatic or manual operation. 2 spindles. With base. **Shure M91E Stereo Cartridge** with elliptical diamond stylus.

Two Allied 2370 3-Way 12″ Speaker Systems. Each has woofer, compression-type midrange, and tweeter. Oiled walnut finish. With cables and hi-fi booklet. Shpg. wt., 145 lbs.

13 C 0423 D5U. *$26 Monthly*.............. 619.50
13 C 2475 X. Walnut Grain Metal Case. 8 lbs.....9.00
13 C 2429 X. Oiled Walnut Wood Case. 8 lbs...28.00

Save
$205.30
$\$619^{50}$ less case
$26 monthly

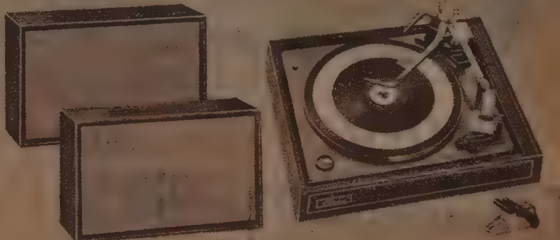
Shown in wood case

Eico Cortina 70-W. Stereo FM-Phono System

Separately, $514.25. For the hard-to-please music lover on a budget. **Assembled Eico "Cortina" Series 3570 Silicon Solid-State 70-Watt Stereo FM Receiver** delivers outstanding stereo FM, has controls and inputs for all sources. With walnut-finish metal case. **Garrard SL65 4-Speed Synchro-Lab Automatic Turntable.** Automatic or manual operation. With base. **Empire 888E Stereo Cartridge** with elliptical diamond stylus. Two **Allied 3030B 3-Way Walnut Speaker Systems.** 12″ woofer, 6″ midrange, 3½″ tweeter. 5000-17,000 Hz response. Assembled. With cables, hi-fi booklet. Shpg. wt., 86 lbs.

13 C 0424 D5U. *$17 Monthly*.............. 379.20

Save
$135.05
$\$379^{20}$ with case
$17 monthly



Eico Cortina 70-Watt System in Kit Form

Save
$85.05
$\$309^{20}$

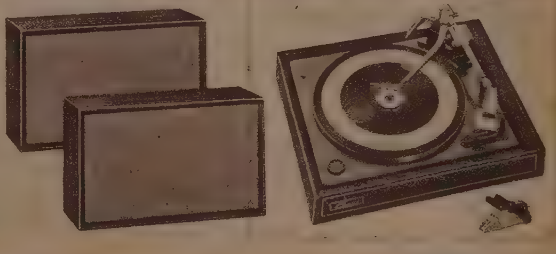
Separately, $394.25. Above, except **Eico 3570K Receiver and Allied 3030BK Speaker Systems** in money-saving kit form. Wt., 88 lbs.
13 C 0425 D5U. *$15 Monthly*.. 309.20

Eico Cortina 70-W. Stereo FM-AM-Phono System

Separately, $534.25. Offers outstanding performance at a moderate price. **Assembled Eico "Cortina" 70-Watt Silicon Solid-State Stereo FM-AM 3770 Receiver.** Offers exceptional stereo FM plus wideband AM. Fully assembled—ready to plug in and play. With walnut-finish metal case. **Garrard SL65 4-Speed Synchro-Lab Automatic Turntable.** Automatic or manual operation. With base. **Empire 888E Stereo Cartridge** with elliptical diamond stylus. Two **Allied 3030B 3-Way Walnut Speaker Systems.** Each has 12″ woofer, 6″ midrange, 3½″ tweeter. With all cables, hi-fi booklet. Wt., 88 lbs.

13 C 0426 D5U. *$18 Monthly*..............399.95

Save
$134.30
$\$399^{95}$ with case
$18 monthly

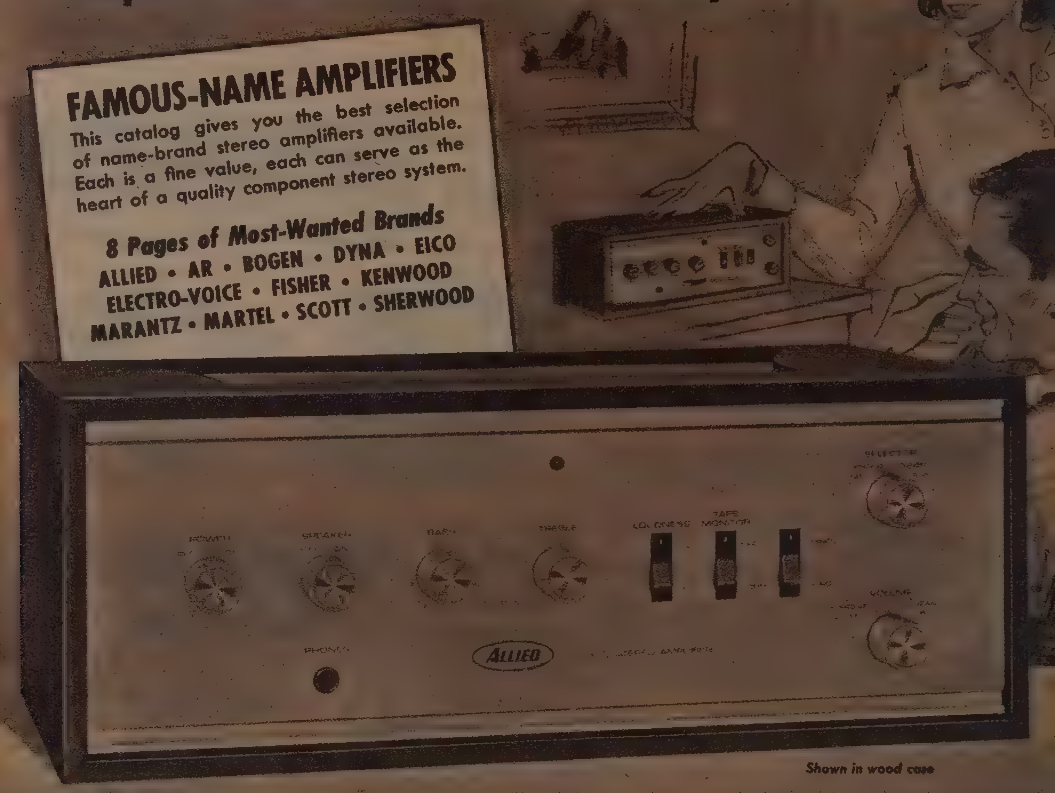


Eico Cortina 70-Watt FM-AM System in Kit Form

Save
$84.30
$\$329^{95}$

Separately, $414.25. Above, except **Eico 3770K Receiver Kit and Allied 3030BK Speaker Systems** in money-saving kit form. Wt., 88 lbs.
13 C 0427 D5U. *$16 Monthly*.. 329.95

Superb Selection of Stereo Amplifiers



FAMOUS-NAME AMPLIFIERS

This catalog gives you the best selection of name-brand stereo amplifiers available. Each is a fine value, each can serve as the heart of a quality component stereo system.

8 Pages of Most-Wanted Brands

ALLIED • AR • BOGEN • DYNA • EICO ELECTRO-VOICE • FISHER • KENWOOD MARANTZ • MARTEL • SCOTT • SHERWOOD

Shown in wood case

ALLIED

ALLIED 935 32-Watt Stereo Amplifier

$69.95 With Metal Case
$5 monthly

- Equalized Magnetic Phono, Ceramic Phono and Tape Inputs plus Tuner, High and Low Level Auxiliary Inputs
- 64-Watt Peak Power; 32-Watt IHF Power Output
- Sierra Gold Extruded Front Panel with Machined Knobs

This full-feature stereo amplifier actually outperforms all others in its price class. Offers thrilling, lifelike stereo at a budget-pleasing price. Delivers 64 watts peak stereo output (32 watts IHF dynamic power output) for rich and powerful bass, smooth, full midrange and sparkling, crystal-clear highs. Provides a wide array of controls, inputs and outputs for complete mastery of every music source and application. Dual concentric volume controls let you adjust channels together or separately.

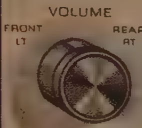
Has front-panel stereo headphone jack for full-volume listening without disturbing others. Boasts sturdy mechanical construction featuring a beautifully-styled Sierra Gold 3/16"-thick extruded aluminum front panel with machined knobs. Rocker switches offer easy fingertip control. Seven tube, 4-diode circuit. 4¾x13¾x9¾". With brown metal case; wood case below. For 110-127 V, 60HzAC. From Japan. Shpg. wt., 22 lbs.

14 C 5525 U. *$5 Monthly*...69.95
14 C 5005 X. Oiled Walnut Wood Case. Shpg. wt., 5 lbs......................**12.95**

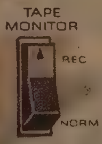
MODEL 935 SPECIFICATIONS

Power Output: 64 watts peak; 32 watts IHF, 16 per channel. 12 watts per channel rms. *Frequency Response:* ±2 dB, 20-30,000 Hz. *Harmonic Distortion:* 1% at rated output. *Hum and Noise:* Mag. Phono, −55 dB, Aux., −70 dB. *Inputs:* Magnetic Phono; Tuner; Ceramic or High-Level Auxiliary; Low-Level Auxiliary; Tape Recorder. *Sensitivity:* Magnetic Phono, 2.3 millivolts. *Outputs:* 8 or 16 ohms per channel; Stereo Headphone Jack; Recorder; Tape and Source Monitoring. *Two AC Convenience Outlets;* one switched by amplifier.

DELUXE FEATURES



Concentric Volume Control Adjusts Channels Together or Individually



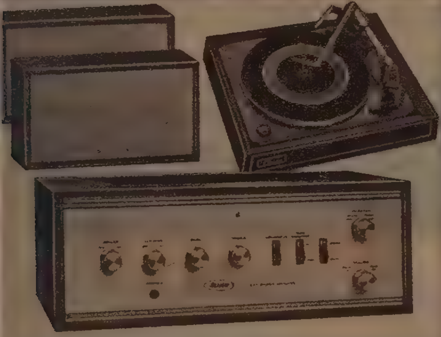
Monitor Switch to Compare Tape with Program Source With 3-Head Deck

Front-Panel Stereo Headphone Jack for Personal Listening

See Page 50 for Matching ALLIED 285 Stereo FM-AM Tuner

Save on Hi-Fi Manager's Selected Systems

MUSIC SYSTEMS FEATURING ALLIED 935 STEREO AMPLIFIER



Deluxe 32-Watt Stereo Phono System

Save $48.85 — $\$199^{95}$ With Metal Case — **Separately $248.80**

Great value in a quality music system at a savings of $48.85 off the cost of components purchased separately. Featuring the **Allied 935 32-Watt Stereo Amplifier** with metal case (optional walnut case on facing page); famous **Garrard SL55 Automatic Turntable with Base** boasts perfectly constant speed. Four speeds, automatic or manual operation. **Shure M44E Stereo Elliptical Cartridge;** and **Two Allied 3005A 3-Way 10" Oiled Walnut Speaker Systems.** Cables, booklet.
14 C 0281 D5U. 80 lbs. *$10 Monthly*......199.95

Finest 32-Watt Stereo Phono System

Save $94.30 — $\$229^{95}$ With Metal Case — **Separately $324.25**

Outstanding stereo phono system offers top performance plus a savings of $94.30 off the cost of components separately. Includes the **Allied 935 32-Watt Stereo Amplifier** with metal case (optional walnut case on facing page); **Garrard SL65 4-Speed Automatic Turntable with Base** and **Empire 888E Stereo Elliptical Cartridge;** two **Allied 3030B 3-Way 12" Speaker Systems** assembled and finished in oiled walnut. Cables, booklet.
14 C 0086 D5U. 96 lbs. *$12 Monthly*......229.95

Matched Components Bring You the Best Possible Stereo Sound

Budget-Priced 32-Watt Stereo Phono System Featuring the Allied 935 Stereo Amplifier

Save $49.30 — $\$149^{95}$ With Metal Case, $8 monthly — **Separately $199.25**

- **Delivers 64-Watt Peak Power Output for Thrilling Stereo**
- **Turntable Plays Stack Automatically or Single Records Manually**
- **Speaker Systems Have 8" Woofer, Direct-Radiator 3½" Tweeter**

Specially selected by Allied's Hi-Fi Manager for the value conscious music lover, this performance-matched ensemble offers excellent stereo music reproduction at a savings of $49.30 from the cost of the components purchased separately.

Allied Model 935 32-Watt Stereo Amplifier produces 64 watts of peak power output. Delivers your favorite music with absolute purity. Full array of controls and inputs accommodate every program source. Front-panel stereo headphone jack. With metal case (optional walnut case on facing page).

Popular Garrard 40 MK II 4-Speed Automatic Turntable with Walnut Base is precision-made for fine performance. Plays record stacks automatically or single records manually. Boasts silent 4-pole motor; automatic intermix; weighted, oversize platter; counterbalanced pickup arm. **Pickering V15/ACE-3 Stereo Elliptical Diamond Stylus Cartridge** provides excellent channel separation and wide frequency range.

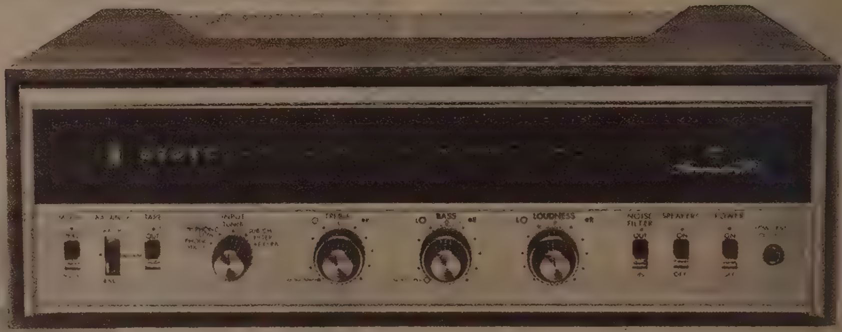
Two Allied 3002 Two-Way 8" Shelf Speaker Systems each have an 8" woofer and direct-radiator 3½" tweeter for lifelike stereo reproduction. Produces mellow bass down to 50 Hz, clean, brilliant highs to 15,000 Hz. Enclosures are finished in beautiful oiled walnut veneer. Complete with Allied's System Extras—cables, hi-fi booklet. Shpg. wt., 71 lbs.
14 C 0087 D5U. *$8 Monthly*..........149.95

AMPLIFIERS

H. H. SCOTT

Special Value! Famous SCOTT 65-Watt Silicon Solid-State Stereo Amplifier

ALLIED SPECIAL PURCHASE



Shown in wood case

Famous Allied Value

$149.95 less case

$8 monthly

Deluxe 299T 65-Watt Solid-State Stereo Amplifier

- Superb Scott Amplifier at An Exciting Low Special-Purchase Price
- All-Silicon-Transistors for Finest Sound and Extra Reliability
- Direct-Coupled Transformerless Output Circuit for Widest Response
- Full Array of Inputs and Controls for Command of All Music Sources

Superb Scott all-silicon-transistor amplifier at a remarkably low special-purchase price made possible by Allied's volume purchasing power. Direct-coupled transformerless output circuit delivers 65 watts of power across the full audio spectrum for brilliant stereo hi-fi.

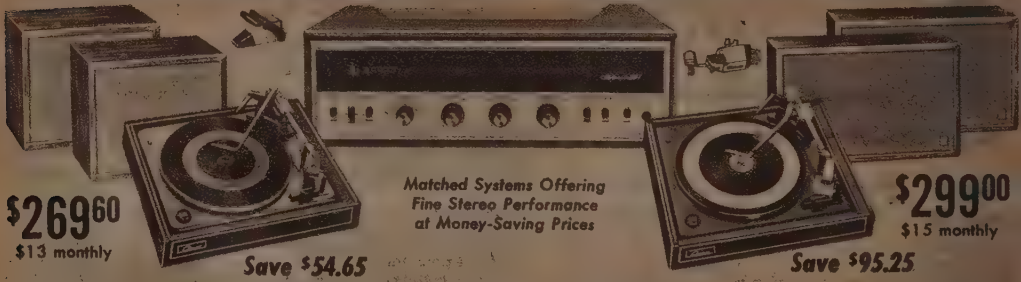
Preamp has all controls and inputs necessary for complete mastery of every stereo source. Dual clutch-type bass and treble controls let you adjust channels individually or in combination. Dual clutch-type loudness compensator assures full-range reproduction even at low volume levels. Speaker switch selects main, remote or off. Tape monitor. Scratch filter. Stereo/mono mode switch. Front-panel stereo headphone jack. Pilot light.

Power Output: 32.5 watts IHF (at 4 ohms) per channel; 18 watts rms. *Frequency Response:* ±1 dB, 18-25,000 Hz. *Harmonic Distortion:* 0.8% *Hum and Noise:* Magnetic Phono, −55 dB. *Power Bandwidth:* 25-20,000 Hz. *Inputs:* magnetic phono, tape head, tuner, auxiliary.

Outputs: 4, 8, 16 ohms; stereo headphone jack; tape recording jack. Black and vinyl finish chassis enclosure, handsome brushed brass front panel. Optional case below. Size, 5¼x15½x12" deep. For 110-120 volts, 60 Hz AC. Shpg. wt., 12 lbs.

13 C 2730 U. *$8 Monthly*	149.95
13 C 2001 X. Simulated Leather Metal Case. 5 lbs.	11.85
13 C 2040 X. Deluxe Oiled Walnut Wood Case. 6 lbs.	20.82

Stereo Phono Systems Featuring Scott 299T Amplifier



$269.60
$13 monthly
Save $54.65

Matched Systems Offering Fine Stereo Performance at Money-Saving Prices

$299.00
$15 monthly
Save $95.25

Value-Priced 65-Watt Stereo Phono System

Separately, $324.25. Premium-quality components for great stereo. Scott 299T 65-Watt Solid-State Stereo Amplifier (optional case above); Garrard Synchro-Lab SL55 4-Speed Automatic Turntable with Base; Empire 808E Stereo Elliptical Cartridge; two Allied 3005A Three-Way 10" Walnut Speaker Systems. With cables, hi-fi booklet.
13 C 0390 D5U. Shpg. wt., 69 lbs. *$13 Monthly*...269.60

Deluxe 65-Watt Stereo Phono System

Separately, $394.25. Deluxe components deliver thrilling stereo. Scott 299T 65-Watt Solid-State stereo Amplifier (optional case above); Garrard Synchro-Lab SL65 4-Speed Automatic Turntable with Base; Pickering V15/ATE-3 Stereo Elliptical Cartridge; two Allied 3030B Three-Way 12" Walnut Speaker Systems. With cables, hi-fi booklet.
13 C 0395 D5U. Shpg. wt., 86 lbs. *$15 Monthly*....299.00

SCOTT Solid-State Stereo Amplifiers

A
Scott 260B 120-Watt Amplifier
$287 95 less case
$15 monthly

Both units shown in wood case

IMPORTANT
See Page 473 for Scott 120-Watt Amplifier Kit

B
Scott 299F 65-Watt Amplifier
$179 95 less case
$9 monthly

A Scott 260B 120-Watt Stereo Amplifier

Scott's most powerful amplifier. Delivers 120 watts for thrilling stereo realism. Features transformerless output; 7-position selector switch; bass and treble controls for each channel; much more. Also has tape head equalization; selectable phono sensitivity. *Power:* 120 watts IHF at 4 ohms, 100 watts at 8 ohms. *Response:* ±1 dB, 15-30,000 Hz. *Outputs:* 4-16 ohms, tape, headphone. 5¼x15½x13¼". 115 VAC. Optional case below. Shpg. wt., 21 lbs.

13 C 2732 U. *$15 Monthly*.	287.95
13 C 2001 X. Simulated Leather Metal Case. 5 lbs.	11.85
13 C 2040 X. Deluxe Oiled Walnut Wood Case. 6 lbs.	20.82

B Scott 299F 65-Watt Stereo Amplifier

Extremely popular, feature-packed stereo amplifier. Has all controls and facilities necessary for full enjoyment of stereo and mono sources. Delivers strikingly clear and pure sound. Direct-coupled output stage—no transformers to mar tonal beauty. *Power Output:* 65 watts IHF at 4 ohms. *Response:* ±1 dB, 18-25,000 Hz. *Harmonic Distortion:* 0.8%. With chassis enclosure. Optional case below. 5¼x15½x12". For 115 VAC. Shpg. wt., 12 lbs.

13 C 2737 U. *$9 Monthly*.	179.95
13 C 2001 X. Simulated Leather Metal Case. 5 lbs.	11.85
13 C 2040 X. Oiled Walnut Wood Case. 6 lbs.	20.82

Popular ELECTRO-VOICE Solid-State Stereo Amplifiers

E-V 1122 30-Watt Stereo Amplifier

$79 90

- In Ultra-Compact Walnut-Finish Case
- Excellent Stereo at a Very Low Price

This compact solid-state amplifier offers excellent high-fidelity stereo at an exceptionally moderate price. Boasts clean, uncluttered styling and small size for maximum versatility in placement. Offers full control facilities. *IHF Power:* 30 watts. *Response:* ±1.5 dB, 20-20,000 Hz. *Inputs:* Phono, tuner, aux. *Outputs:* 4-16 ohms speakers, stereo headphones, (front-panel). Includes walnut-finish case. Two-tone platinum color panel. Size, 4¼x15¾x8½". For 110-120 volts, 60 Hz AC. Shpg. wt., 18 lbs.

13 C 2762 X. *$5 Monthly*.	79.90

Big Sound In A Small Package . . Color-Coded Selector and Volume Controls

E-V 1244 65-Watt Stereo Amplifier

$119 00

- Ultra-Compact Solid-State Amplifier
- Delivers 65 Watts of Thrilling Stereo

Amazingly big sound from a small package. Space-age styling and solid-state design are combined to provide outstanding performance with a minimum of size. Amplifier delivers powerful 65-watt output for superb stereo realism. Features color-coded volume and selector controls. "Speaker on/mute" switch. *Response:* ±1.5 dB, 20-20,000 Hz. *Inputs:* magnetic phono, tuner, tape deck, aux. *Outputs:* 4-16 ohms, stereo headphones, recording. Metal cover, walnut finish end panels. 3⅜x8¼x10¼". 115 VAC. 11 lbs.

13 C 2766 X. *$6 Monthly*.	119.00

AMPLIFIERS

FISHER • SHERWOOD

Fisher Model TX-1000 120-Watt Solid-State Stereo Amplifier

$329 95 less case **$16 monthly**

Fisher Model TX-100 65-Watt Solid-State Stereo Amplifier

$169 95 less case **$9 monthly**

FISHER Solid-State Stereo Amplifiers

A

B

A TX-1000 120-Watt Stereo Amplifier

Superb amplifier delivers distortion-free stereo with full dynamic range. Clutch-type bass and treble controls; 6-position input selector; main/remote speaker switch; scratch and rumble filters; tape/monitoring facilities. Center-channel output. *Power:* 120 watts IHF at 4 ohms; 90 watts at 8 ohms. *Response:* ±1.5 dB, 20-40,000 Hz. *Outputs:* 4-16 ohms; headphones; tape. $4\frac{13}{16}$x$15\frac{1}{8}$x$12\frac{3}{4}$". Optional case below. 117 VAC. Shpg. wt., 27 lbs.

13 C 2652 U. *$16 Monthly*........................329.95
13 C 2629 X. Oiled Walnut Case. Shpg. wt., 6 lbs......22.95

B TX-100 65-Watt Stereo Amplifier

Amplifier boasts famous Fisher excellence, has total-command control panel for all music sources. Input selector for tape head, phono, tuner, aux. Tape monitor and loudness switches; bass, treble controls; scratch filter. *Power:* 65 watts IHF at 4 ohms, 50 watts at 8 ohms. *Response:* ±1 dB, 20-20,000 Hz. *Outputs:* 4-16 ohms; headphones; tape. $4\frac{13}{16}$x$15\frac{1}{8}$x$11\frac{7}{8}$". For 117 VAC. Optional case below. Shpg. wt., 24 lbs.

13 C 2649 U. *$9 Monthly*........................169.95
13 C 2629 X. Oiled Walnut Case. Shpg. wt., 6 lbs......22.95

New SHERWOOD Solid-State Stereo Amplifiers

Shown in wood case

S9900A 140-Watt Amplifier

$229 50 less case

$12 monthly

- All-Silicon Circuit
- Output for 2 Sets of Stereo Speakers

This powerful new amplifier offers outstanding stereo hi-fi. Switches for two sets of stereo speakers; complete input facilities. Tape monitor. Instant overload protection prevents damage to output transistors. *Power:* 140 watts IHF at 4 ohms. *Response:* ±1 dB, 20-20,000 Hz at 40 watts. *Harmonic Distortion:* 0.4%. Case below. 4x14x$10\frac{1}{2}$". For 117 VAC. Shpg. wt., 21 lbs.

13 C 2460 U. *$12 Monthly*....229.50
13 C 2401 X. Walnut-Grained Metal Case. Shpg. wt., 5 lbs...........7.50
13 C 2427 X. Walnut Wood Case. Shpg. wt., 7 lbs. *$5 Monthly*............28.00

Shown in wood cas

S-9500B 80-Watt Amplifier

$189 50 less case

$10 monthly

- Tape Monitor Switch
- Overload Protection
- Wide Response

Moderately-priced amplifier offers hi-fi to please the critical listener. Silicon transistors and diodes throughout. Instant overload protection, loudness off-on switch. Full array of controls and inputs. *Power Output:* 80 watts IHF at 4 ohms. *Response:* ±1 dB, 12-35,000 Hz. *Harmonic Distortion:* 0.4%. Case below. 4x14x10". For 117 VAC. Shpg. wt., 19 lbs.

13 C 2455 U. *$10 Monthly*......189.50
13 C 2401 X. Walnut-Grained Metal Case. Shpg. wt., 5 lbs....................7.50
13 C 2427 X. Walnut Wood Case. Shpg. wt., 7 lbs. *$5 Monthly*..........28.00

SHURE "Solo-Phone" Headphone Amplifier

$45 00 **Superior Headphone Listening from Almost Any Stereo Source**

$5 monthly

Great for private listening in study, den, bedroom or dorm. Solid-state circuit provides ample power to play magnetic phono, stereo FM tuner or tape player directly to one or two pairs of stereo headphones. Dual concentric volume control; input switch and switched AC outlet. Walnut finished case, $3\frac{1}{2}$x$10\frac{1}{4}$x3". For 115 VAC. Shpg. wt., 4 lbs.

13 C 2094 X. *$5 Monthly* 45.00

YNA Factory-Assembled Components

AMPLIFIERS

DYNA • EICO

A "Stereo 120" Basic **$199.95**
$10 monthly

Dyna Components In Kit Form on Pages 474-475

B PAT-4 Preamp **$129.95**
$7 monthly

A "Stereo 120" 120-Watt Basic Amplifier

mous basic amplifier delivers magnificent stereo with mplete freedom from coloration. All silicon transistors top stability and reliability. No response-limiting erstage or output transformers. Output transistors ctronically protected. Self-adjusting bias circuit. Regued power supply. *Output:* 60 watts rms/channel. *sponse:* ±0.5 dB, 5-100,000 Hz. *Harmonic Distortion:* der 0.5%. *IM Distortion:* under 0.5%. *Noise:* −95 dB. e with PAT-4 Preamp. Plated chassis, metal cover. 13x10½". 120/240 V, 50-60 Hz AC. 20 lbs.
C 2234 U. *$10 Monthly*........................199.95

B PAT-4 Solid-State Stereo Preamp

Perfect mate for the "Stereo 120" or any other basic amplifier. All silicon-transistor design for superior stability. Positive-action rocker switches control loudness, power, tape monitor, lo-filter, dual modes. Four-position hi-filter. Also has six-position selector switch, volume, balance, bass and treble controls for each channel. Inputs for high and low level phono cartridges, tape head, tuner, tape recorder. Front-panel input for guitar or recorder. *Response:* ±0.5 dB, 5-100,000 Hz. 4x13x8". For 120/240 volts, 50-60 Hz AC. Shpg. wt., 11 lbs.
13 C 2241 X. *$7 Monthly*........................129.95

EICO Factory-Assembled Solid-State Stereo Amplifiers

'Cortina" 3070 70-Watt Stereo Amplifier

$139.95
$7 monthly

- All-Silicon-Transistor Circuit
- Controls, Inputs for Every Source

nplifier features all-silicon-transistor cuit for pure, undistorted stereo. Preıp has high overload level. Controls, puts for every source. Scratch, rumble ters. Tape monitor. Speaker switch for /main/remote/all. *Power:* 70 watts IF, at 4 ohms. *Response:* ±1.5 dB, 5-0,000 Hz. *Outputs:* 4-16 ohms; stereo adphones; recording. Complete with etal case. Size, 3¼x12x8". For 117 VAC. pg. wt., 8 lbs.
C 2339 X. *$7 Monthly*........139.95

Eico Hi-Fi in Kit Form on Pages 476, 477

Cortina 3150 150-Watt Stereo Amplifier

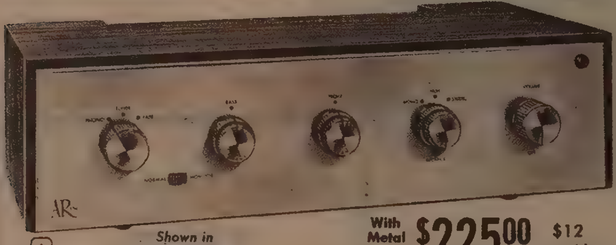
$225.00
$12 monthly

- All Silicon Transistors • Tape Monitor
- Output Circuit Overload Protection

Outstanding value in feature-packed, super-powerful all-silicon amplifier. Preamp has high overload capacity. Controls, inputs for all sources. Output circuit overload protection. Scratch, rumble filters. Tape monitor. Main/remote speaker switch. *Power:* 150 watts IHF at 4 ohms. *Response:* ±1.5 dB, 10-50,000 Hz. *Outputs:* 4-16 ohms; stereo headphones; tape. Walnut-grain metal case. 3⅛x15x7½". For 117 VAC. 17 lbs.
13 C 2253 U. *$12 Monthly*.......225.00

Solid-State Stereo Amplifiers

A FINE SELECTION . . . PRICES FOR EVERY POCKET



A

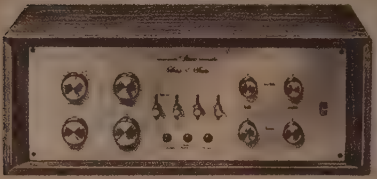
Shown in wood case

With Metal Cover $225^00 $12 monthly

A AR 120-Watt Stereo Amplifie

Connoisseur quality! Silicon transistors an DC driver clamping circuit for wide dynamic range and amazingly authenti reproduction. Unique idler power suppl prevents turn-on noises. Null circuit fo perfect channel balance. Tape monito *Power:* 120 watts, rms. *Response;* 20-20,00 Hz. *Harmonic Distortion:* 0.5%. *IM Distortion:* 0.25%. *Inputs:* mag. phono; tape tuner. *Outputs:* 4-16 ohms; tape. Black cover. Wood case below. 4½x15¾x10". Fo 117 VAC. Shpg. wt., 21 lbs.

13 C 2445 U. *$12 Monthly*........225.0
13 C 2446 X. Walnut Case. 6 lbs.......15.0



B $325^00 $16 monthly less case

MARANTZ Matching Stereo Preamp and 120-Watt Basic Amplifier

C $395^00 $18 monthly

B Marantz 7T Stereo Preamp

For the perfectionist! Ideal companion fo Model 15 basic amplifier below. Nine stere inputs, 4 stereo outputs, tape play/cop switch, plus *full* array of controls. Tap head equalizer. Center-channel output; output level adjustment. Flat from 20-20,00 Hz. *IM Distortion:* 0.15%. 5¾x15¾x8½ Case below. 117 VAC. 15 lbs.

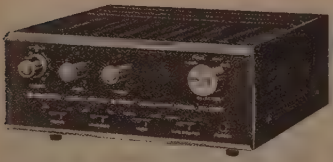
13 C 2280 U. *$16 Monthly*..........325.0
13 C 2270 X. Walnut Case. 9 lbs.......24.5

C Marantz Model 15 120-Watt Stereo Basic Power Amplifier

For finest possible stereo. All *silicon* transistors develop 60 watts rms (8 ohms) wit only 0.03% harmonic distortion. Separat power supplies for each channel. *Response* 20-20,000 Hz. *Damping:* Exceeds 150 at ohms: Case below. 5¾x15¾x7". For 11 VAC. Shpg. wt., 35 lbs.

13 C 2282 Z. Express. *$18 Monthly*.395.0
13 C 2434 X. Walnut Case. 9 lbs.......29.5

Deluxe Kenwood KA-2000 40-Watt Stereo Amplifier



$89^95 $5 monthly

- Smart Metal Case
- Output Protection Circuit
- Tape Monitor Switch

Handsomely styled solid-state amplifier delivers unusually fine stereo at very low cost. Boasts tape monitor switch, loudness control, separate bass and treble controls. Automatic circuit breaker protects power output transistors. *Power Output:* 40 watts IHF at 4 ohms. *Frequency Response:* 20-50,000 Hz. *Outputs:* 4-16 ohm speakers; stereo headphone jack. *Stereo Inputs:* phono, auxiliary. Complete with metal case. 4½x10¼x9⅜". For 115 volts, 60 Hz AC. Japan. Wt., 10 lbs.

13 C 2493 X. *$5 Monthly*......89.95

Powerful Martel RA-800 120-Watt Stereo Amplifier

$129^95 $7 monthly

- Handsome Metal Case
- Silicon Transistor Circuit
- Modern Rocker Switches

A wonderful value. This amplifier offers a full 120 watts of IHF power, plus many deluxe features, at a surprisingly low price. Has scratch, rumble filters; loudness switch; switches for speakers on/off and stereo reverse. Transformerless output circuit. *Power:* 120 watts IHF. *Response:* 20-50,000 Hz. *Inputs:* magnetic and ceramic phono; tuner; aux. *Outputs:* 4-16 ohms; headphones. 5x13½x8½". With metal case. For 110-120 volts, 60 Hz AC. From Japan. Wt., 24 lbs.

13 C 2038 U. *$7 Monthly*.....129.95

Bogen Model TA-150 50-Watt Stereo Amplifier

Shown in wood ca

$107^95 $6 monthly

- Includes Metal Case
- All-Silicon Circuit
- Transformerless Outpu

Fine value in a stereo amplifier with full array of features. All silicon tra sistors and transformerless outpu Controls include loudness, bass, trebl balance. Subsonic filter. Modular co struction. *Response:* ±1 dB, 20-50,0 Hz. *Power:* 50 watts IHF at 4 ohm *Inputs:* mag. phono; tape aux; tune *Outputs:* 4 to 16 ohms (2 pairs); hea phones; tape. Wood-grain metal cas wood case below. 3¾x14½x10". 1 VAC. 15 lbs.

13 C 2512 U. *$6 Monthly*.....107.9
13 C 2503 X. Walnut Case. 7 lbs..24.9

loney-Saving Stereo Systems

WITH EICO, FISHER, AND SCOTT AMPLIFIERS

Eico 70-Watt Stereo Phono System

parately, $313.80. Delivers first-rate performance a low price. Factory-assembled, ready to plug-in-d-play **Eico "Cortina" 3070 70-Watt Solid-State reo Amplifier** boasts silicon transistors: Includes art walnut finish metal case. **Garrard Synchro-Lab i5 4-Speed Automatic Turntable** has oversize platter, ng feature. With base. **Shure M32E Stereo Car-lge** with elliptical diamond stylus. Two **Allied)5A 3-Way Walnut Speaker Systems** with 10" ofer, 6" midrange, 3½" tweeter. With cables, fi booklet. Shpg. wt., 65 lbs.

C 0349 D4U. *$13 Monthly*............249.25

Save $64.55

$249.25 With Case

$13 monthly

Eico 70-Watt Stereo Kit System

Separately, $273.80. Same as above system except has **Eico 3070K 70-Watt Amplifier** in kit form. 60¼ lbs. *$11 Monthly.*

13 C 0354 D4U............219.95

Save $53.85 $219.95

Fisher 65-Watt Stereo Phono System

parately, $374.65. Superb quality stereo hi-fi component system at a modest price. Full-feature **Fisher 100 Solid-State 65-Watt Stereo Amplifier** has total nmand control panel for all music sources. Case ow. **Garrard SL65 Synchro-Lab 4-Speed Automatic ntable** has cuing and pause controls. Automatic manual operation. With base. **Empire 888E Stereo rtridge** with elliptical diamond stylus. Two **Allied)5A 3-Way Walnut Speaker Systems.** 10" woofer, 6" drange, 3½" tweeter. With cables, hi-fi booklet. pg. wt., 78 lbs.

C 0375 D4U. *$15 Monthly*..............289.50

C 2629 X. **Walnut Wood Case.** Wt., 6 lbs....22.95

Save $85.15

$289.50 less case

$15 monthly

Alternate Fisher System

Separately, $424.25. Same as system above, but with wider-response **Allied 3030B Walnut Speaker Systems.** Wt., 93 lbs. *$16 Monthly.*

13 C 0376 D4U.......319.95

Save $104.30 $319.95

Scott 120-Watt Stereo Phono System

parately, $547.75. Specially selected to satisfy the ore demanding music lover. Powerful **Scott 260B lid-State 120-Watt Stereo Amplifier** offers total nmand of every music source. Case below. **Gar-rd SL65 4-Speed Automatic Turntable** provides man-l or automatic operation. With base. **Pickering '15/ATE Cartridge** with elliptical diamond stylus. **o Allied 3030B 3-Way Walnut Speaker Systems** th 12" woofer, 6" midrange and 3½" tweeter. With bles, hi-fi booklet. Shpg. wt., 90 lbs.

C 0377 D4U. *$19 Monthly*..............439.20

C 2001 X. **Metal Amplifier Case.** 5 lbs........12.50

C 2040 X. **Walnut Amplifier Case.** 6 lbs......20.82

Save $108.55

$439.20 less case

$19 monthly

Shown in wood case

Alternate Scott System

Separately, $657.25. As above, but with two wider-range **Allied 2370 3-Way Walnut Speaker Systems.** Wt., 134 lbs. *$23 Monthly.*

13 C 0383 D4U.......529.20

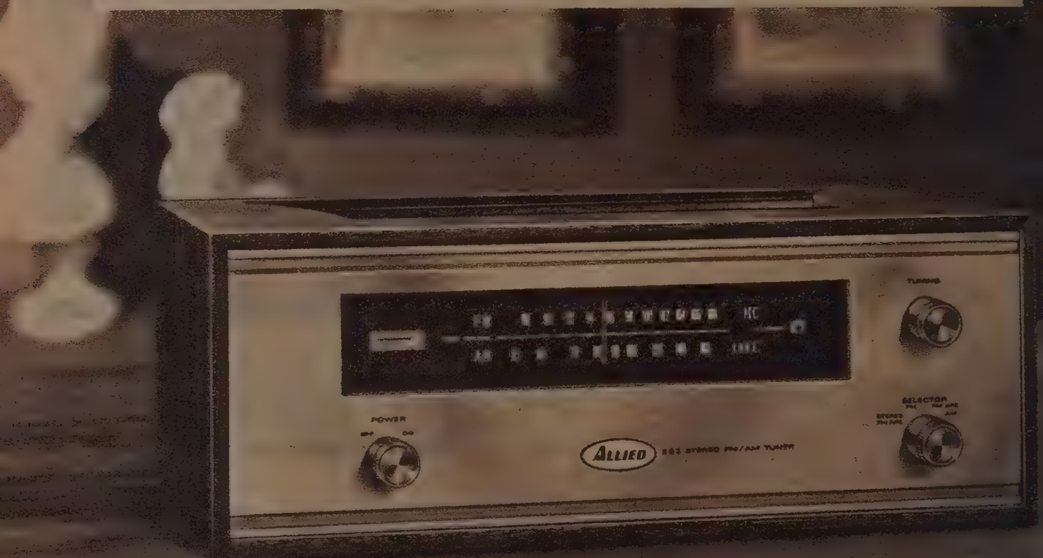
Save $128.05 $529.20

World's Finest Selection of Stereo Tuners

FOUR PAGES OF FAMOUS-NAME FM AND FM-AM TUNERS

Choose from Major Brands
ALLIED • BOGEN • DYNA
EICO • ELECTRO-VOICE
FISHER • SCOTT
SHERWOOD

An FM or FM-AM tuner in your music system broadens your listening pleasure by adding a wide variety of music, cultural and news programing . . . produced with the same realism you get from stereo records. These tuners offer handsome styling and latest design. All are manufactured by Hi-Fi specialists. Prices to fit all budgets. Include cables that plug into any stereo amplifier.

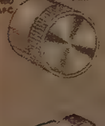


Shown in walnut case

DELUXE FEATURES

Lighted d'Arsonval Signal-Strength Meter for Perfect Tuning

Stereo Indicator Light Tells When You Are Tuned to Stereo



Four-Position Function Selector Includes AFC Defeat

Smooth Flywheel Tuning for Accurate Station Selection

ALLIED Model 285 Stereo FM-AM Tuner

$79.95 With Metal Case
$5 monthly

- Superb Stereo-FM and AM Performance at a Very Low Pric
- Illuminated Slide-Rule Dial • Effortless Flywheel Tuning
- Three IF Stages With Limiter and Ratio Detector
- Ultra-Stable Time-Switching FM Stereo Multiplex Circuit

This is our lowest priced FM-AM stereo tuner, but you still get importan extras often reserved for expensive tuners. Time-switching multiplex circu makes possible first-rate FM-stereo with plenty of channel separation for mus with you-are-there realism. Fine AM reception, too. Smooth flywheel tunin plus lighted slide-rule dial and signal-strength meter for always-perfect statio selection. Stereo indicator light. Three IF stages with limiter and ratio detect for static-free FM reception. Four-position function selector switch selec stereo FM with AFC, monaural FM with AFC, monaural FM without AF (for tuning in weak stations that are close to strong stations), and AM. Heav gauge Sierra Gold extruded aluminum front panel. Matches Allied 935 amplifi on page 42. 4¾x13¾x9¾". With brown metal case; wood case below. Fro Japan. Shpg. wt., 20 lbs.

14 C 5526 U. *$5 Monthly*....................................79.9
14 C 5005 X. Oiled Walnut Wood Case. Shpg. wt., 5 lbs....................12.9

MODEL 285 SPECIFICATIONS

FM CIRCUIT. *Sensitivity:* 2.5 μV for 20 dB quieting. *Frequency Response:* ±1 dI 20-20,000 Hz. *Distortion:* 1% at 100% modulation. *Channel Separation:* Bett than 30 dB. *Image Rejection:* better than 30 dB. *IF Stages:* three. Internall shielded for hum-free operation. *Antenna:* twin-lead dipole.

AM CIRCUIT. *Sensitivity:* 8 μV for 20-dB signal-to-noise ratio. *Antenna:* Built-i high-efficiency ferrite rod. **OVERALL CIRCUIT.** 8 tubes, 12 solid-state diode *Power Requirement:* 110-127 volts, 60 Hz AC.

Use Allied's Credit Fund Plan to Own The Finest Stereo Componen

Quality Stereo FM Tuners

EICO • DYNA • CROWN

FM 88 90 92 94 96 98 100 102 104 106 108 MHz
EICO
cortina

$139.95 With Case $7 monthly

EICO 3200 Solid-State Stereo FM Tuner

lid-state stereo FM tuner delivers brilliant stereo with exciting "you are there"
lism. Advanced transistor circuit for top performance and maximum reliability.
asts automatic FM stereo/mono switching plus stereo indicator light. Precision
Arsonval meter for pin-point tuning accuracy. Storecast filter. AFC can be
itched "off" for easy tuning of weak stations adjacent to strong ones. Modern
sitive-action rocker switches. *Usable IHF sensitivity:* 2.4 µV for 30 dB quieting.
equency Response: ±1 dB, 20-15,000 Hz. *Capture Ratio:* 4.5 dB. *Selectivity:* 45 dB.
age Rejection: 45 dB. *Channel Separation:* 40 dB at 1 kHz. Factory-assembled
d ready to play. Complete with attractive vinyl-clad, walnut-finish metal case.
r 110-120 volts, 60 Hz AC. Shpg. wt., 7 lbs.

C 2341 X. *$7 Monthly* **139.95**

SEE PAGES 476 AND 477 FOR EICO STEREO COMPONENTS IN KIT FORM

DYNA FM TUNER
STEREO
POWER
OFF

$154.95 With Case $8 monthly

DYNAKIT FM-3A Deluxe Tube-Type Stereo FM Tuner

gnificently engineered FM tuner pulls in stereo with excellent sensitivity,
nensional realism and tonal clarity. Widely recognized as an outstanding value.
s four IF stages which work as progressive limiters. Balanced wideband discrimi-
tor. Boasts excellent spurious-signal rejection. Precision planetary drive tuning.
tereocater" lights up when you tune in a stereo broadcast and automatically
itches tuner to stereo mode. *Sensitivity:* 4 µV (IHF). *Channel Separation:* 30 dB.
ntrols include power on-off slide switch, audio level control. Attractive satin-tone
ruded front panel. Sensitive 10-tube circuit. Size, 4x13x8". With metal case.
lly factory assembled and ready to plug in and play. For 110-120 volts, 50-60 Hz
. Shpg. wt., 13 lbs.

C 2589 X. *$8 Monthly* **154.95**

SEE PAGES 474 AND 475 FOR DYNAKIT STEREO COMPONENTS IN KIT FORM

CROWN FM-300 Compact Solid-State Stereo FM Tuner

- **Switchable AFC** • **Volume Control**
- **Stereo Indicator** • **Wood Case**

ld FM-stereo to your high-fidelity system
remarkably low cost. Ultra-compact stereo
ner delivers excellent performance. Fea-
res sensitive 12-transistor, 9-diode circuit.
tomatic stereo switching. Stereo indicator
ht. Front-panel volume control with on-
switch. AFC with defeat to permit tuning
ak stations. For use with any stereo
plifier with tuner, phono, or auxiliary
out. 2⅜x11⅝x4¾". With oiled walnut
od case. For 117/220 volts, 50-60 Hz AC.
pan. Shpg. wt., 5 lbs.

C 2258 U. *$5 Monthly* **59.95**

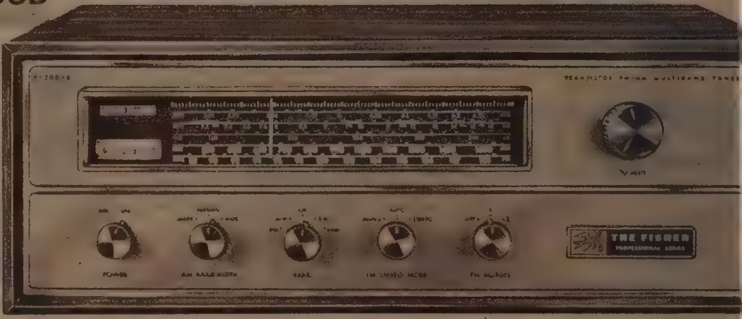
$59.95 $5 monthly

Add FM Stereo to Your System at Low Cost

TUNERS

FISHER • SHERWOOD

Two Superb FISHER Stereo Tuners with Deluxe Extras for Finest Hi-Fi



$\$299^{95}$ less case

$15 monthly

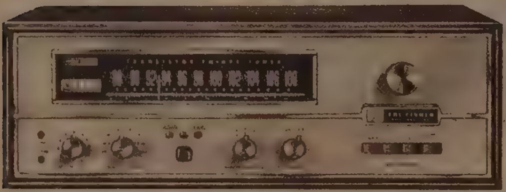
- **Superb Stereo FM, plus AM, Longwave and Shortwave**
- **Automatic Stereo Switching**
- **Bandwidth Selector • Tuned RF**
- **Between-Station FM Silencing**

Fisher R-200-B Solid-State Stereo FM/AM-LW-SW Tuner

Here's real versatility! This tuner not only pulls in high-fidelity stereo FM, b also brings you extraordinary AM, *plus* fascinating longwave and worldwi shortwave. Actually performs on a par with deluxe communications receive Tunes standard FM and AM, longwave from 150-350 kHz, and shortwave two bands covering 5.9-6.3 MHz and 7-16.5 MHz. Three-gang capacitor a tuned RF stage on AM for excellent reception. AGC cuts fading, and 3-positi band-width selector matches all receiving conditions. 10-kHz whistle filt Full 35 dB separation for wide channel separation on stereo FM. Between-s tion FM silencing, stereo beacon light. Tuning meter. Solid-state circuit h nuvistors in front end for extra sensitivity. 4$\frac{13}{16}$x15$\frac{1}{8}$x13″. Optional case belo For 110-135/200-250 V, 50-60 Hz AC. Shpg. wt., 23 lbs.

13 C 2646 U. *$15 Monthly*. 299.9

13 C 2629 X. Walnut Case. Shpg. wt., 6 lbs. *$5 Monthly*. . . . . .22.



$\$429^{95}$ less case

$19 monthly

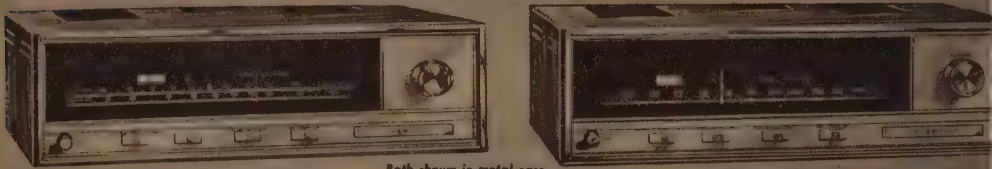
Fisher's Finest! TFM-100 Solid-State Stereo FM Tun

Fisher's finest tuner, with latest circuit design, for *sup* stereo! Front-end has six tuned circuits with silicon FET Wideband five-stage IF amplifier and 4 limiters, plus AG *Response:* 25-15,000 Hz. *IHF Sensitivity:* 1.8 μV for 30 quieting. *Capture Ratio:* 0.6 dB. *Separation:* 40 dB. Outpu for 600-ohm line, recorder, headphones. 5$\frac{1}{8}$x16$\frac{3}{4}$x12″. O tional case below. For 115 VAC.

13 C 2647 U. Shpg. wt., 24 lbs. *$19 Monthly*. 429.9

13 C 2633 X. Walnut Case. Wt., 9 lbs. *$5 Monthly*. . . .22.

Latest SHERWOOD Tuners . . Now with "Micro-Circuits"



Both shown in metal case

$\$224^{50}$ less case

$12 monthly

Deluxe Silicon Solid-State S-2300 Stereo FM-AM Tuner

Features famous Sherwood circuit design, now with "Micro-Circuits" for even finer performance. Sensitive FET front end. Automatic stereo/mono switching; stereo indicator light. FM between-station silencing; stereo noise filter. *FM Sensitivity:* (IHF): 1.8 μV for 30 dB quieting. *AM Sensitivity:* 2 μV for 0.5 output. *Chan. Sep.:* 40 dB. *Capture Ratio:* 2.0 dB. *Cross-Modulation Rejection:* −95 dB. Optional case, right. 14x4x10$\frac{1}{2}$″. For 115 VAC.

13 C 2495 U. Shpg. wt., 13 lbs. *$12 Monthly*. 224.50

$\$197^{50}$ less case

$10 monthly

Luxurious Solid-State S-3300 Stereo FM Tune

Professional features and performance at a moderate pri Silicon FET front end; zero-center tuning meter; automa stereo/mono switching; between-station silencing; ster noise filter. *IHF Sensitivity:* 1.8 μV for 30 dB quieti *Chan. Sep.:* 40 dB. *Capture Ratio:* 2.2 dB. Optional cas below. 14x4x10$\frac{1}{2}$″. For 115 VAC.

13 C 2470 U. Shpg. wt., 10 lbs. *$10 Monthly*. 197.5

13 C 2401 X. Leatherette-Covered Metal Case. 5 lbs. . . . .7.

13 C 2427 X. Walnut Case. 7 lbs. *$5 Monthly*. . . . . . . .28.

SCOTT Solid-State Stereo FM Tuners With Integrated Circuit IF Stage

SCOTT
SELECTOR
FUNCTION
SOLID STATE WIDEBAND FM STEREO TUNER

Shown in walnut case

Advanced Design Stereo FM Tuner

\$189^{95} less case

$9 monthly

SEE THE SCOTT TUNER KIT on Page 473 in Kit Section of This Catalog

Exciting Scott 315B Solid-State Stereo FM Tuner

M tuner with superb Scott engineering d circuit features. Delivers exceptional rformance. Includes integrated circuits d Field-Effect-Transistors for outstandg hi-fi even from weak stations.

eld-Effect Transistors, plus silver-plated ont-end, assure extremely high sensiity and freedom from drift. Integrated cuit IF amplifier assures super-selectiv and lifetime stability. Time-switching ultiplex circuit. Other features include: tomatic stereo-mono switching, stereo dicator light, precision signal-strength tuning meter. Switchable filter cuts out noise on weak stereo stations. Includes tape recording outputs. *IHF Sensitivity:* 2.2 µV. *Stereo Channel Separation:* 40 dB. *Signal-to-Noise Ratio:* 60 dB. *Capture Ratio:* 3 dB. Handsome black and chrome front panel. Size, 5¼x15½x9". Optional case below. For 110-120 VAC. 14 lbs.

13 C 2715 U. *$9 Monthly*..........189.95

13 C 2001 X. Brown Metal Case. For 315B or 312D tuner. Shpg. wt., 5 lbs..........11.85

13 C 2040 X. Oiled Walnut Wood Case. For 315B or 312D tuner. Wt., 6 lbs..........20.82

eluxe 312D—Scott's Finest olid-State Stereo FM Tuner

\$296^{95} less case

$14 monthly

perb stereo FM tuner with integrated circuit IF for high lectivity, and silver-plated FET front end for top-notch ception even with varying signal strength. Signal strength/ ultipath indicator. Includes 'scope output, headphone jack, b-channel noise filter. Stereo-mono switching; stereo light. etween-station muting. Recording output. *Sensitivity:* 1.7 µV. *ignal-to-Noise Ratio:* 65 dB. *Separation:* 42 dB. 5¼x15½x 3¼". Optional case above. 115 VAC.

C 2712 U. Shpg. wt., 13 lbs. *$14 Monthly*..........296.95

Shown in walnut case

ELECTRO-VOICE Solid-State Stereo FM Tuners

Budget-Priced 1159 Stereo FM Tuner

olid-state stereo FM tuner offers excellent perrmance at a surprisingly low price. Features inude automatic stereo-mono switching; stereo inditor light; tuning meter; large, easy-to-read dial. *ensitivity:* 3 µV for 30 dB quieting. *Hum and Noise:* 55 dB. *Harmonic Distortion:* 1%. With walnutnished wood case. 4¼x15¾x8½". Perfect companon for E-V 1122 stereo amplifier, page 45. For 115 AC. Shpg. wt., 16 lbs.

C 2763 X. *$5 Monthly*..........79.90

\$79^{90}

$5 monthly

With Walnut-Finished Wood Case

Deluxe 1255 Stereo FM Tuner

ine-performing solid-state stereo FM tuner with riking, decorator styling. Pulls in even weak ations clearly. Automatic stereo-mono switching, ereo indicator light, tuning meter, AFC. *IHF ensitivity:* 2 µV. *Response:* ±1 dB, 30-15,000 Hz. *um and Noise:* −60 dB. *Harmonic Distortion:* less han 1.0%. With case and walnut-finished end panels. ⅛x8¼x10¼". Perfect companion to E-V 1244 ereo amplifier, page 45. 115 VAC. 8 lbs.

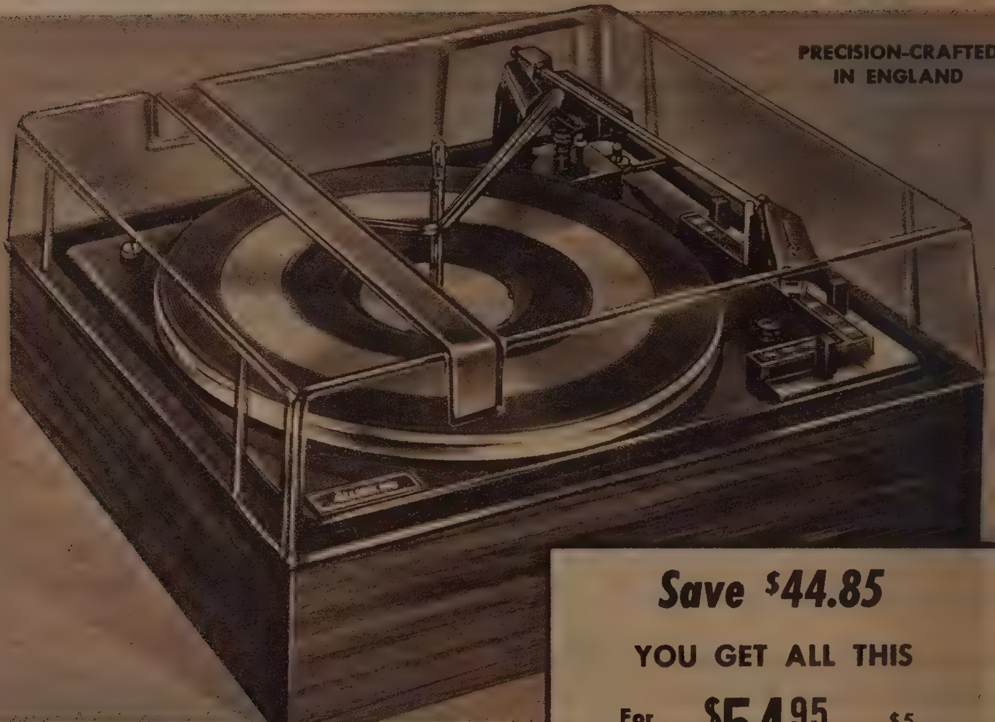
C 2742 X. *$7 Monthly*..........136.00

\$136^{00}

$7 monthly

With Walnut-Finished End Panels

Famous ALLIED Stereo Turntable Package



Accurate Cuing, Pause, Anti-Skate Control

Low-Mass Arm with Clip-In Cartridge Holder

ALLIED 919 4-Speed Automatic Turntable

Plus Accessories for Only $5 More

Separately, $99.80. Package includes: Allied 919 Automatic Turntable, Oiled Walnut Wood Base, Molded Styrene Dust Cover, plus your choice of Empire 888E, Pickering V15/ATE-3 or Shure M93E Stereo Elliptical Cartridge. Allied's own feature-packed automatic turntable boasts low-mass pickup arm counterbalanced on friction-free ball-bearings. 16⅔, 33, 45, 78 rpm. Precise cuing and pause control. Resiliently mounted 4-pole motor. Anti-skate control for superb tracking. "Pop" filter, muting switch. Two spindles for playing record stacks automatically or singles manually. Clip-in cartridge holder. Automatic shutoff. Flutter, less than .05%; wow, less than 0.12% rms. 13⅛x11¼". For 115 VAC. Shpg. wt., 18 lbs

14 C 0131 CD3U. Package. *Specify Cartridge*............54.95

Allied 919 Automatic Turntable with Stereo Elliptical Cartridge for 1¢ More. Choice of Empire 888E, Pickering V15/ATE-3 or Shure M93E stereo elliptical cartridge. Walnut base, dust cover below. Shpg. wt., 9½ lbs.

14 C 0132 CDX. Specify Cartridge. *$5 Monthly*..........49.96

14 C 5459 X. Allied 919 Turntable Alone. 9½ lbs..........49.95

14 C 5450 X. Oiled Walnut Wood Base. 3 lbs..............4.95

14 C 5614 X. Mounting Board. 2 lbs......................1.95

14 C 5453 X. Dust Cover. Transparent styrene. 5 lbs.......4.95

14 C 5454. 45-rpm Automatic Spindle. 12 oz................1.69

Save $44.85

YOU GET ALL THIS

For Only

$54.95

$5 monthly

Allied 919 Automatic Turntable

Oiled Walnut Wood Base

Molded Styrene Dust Cover

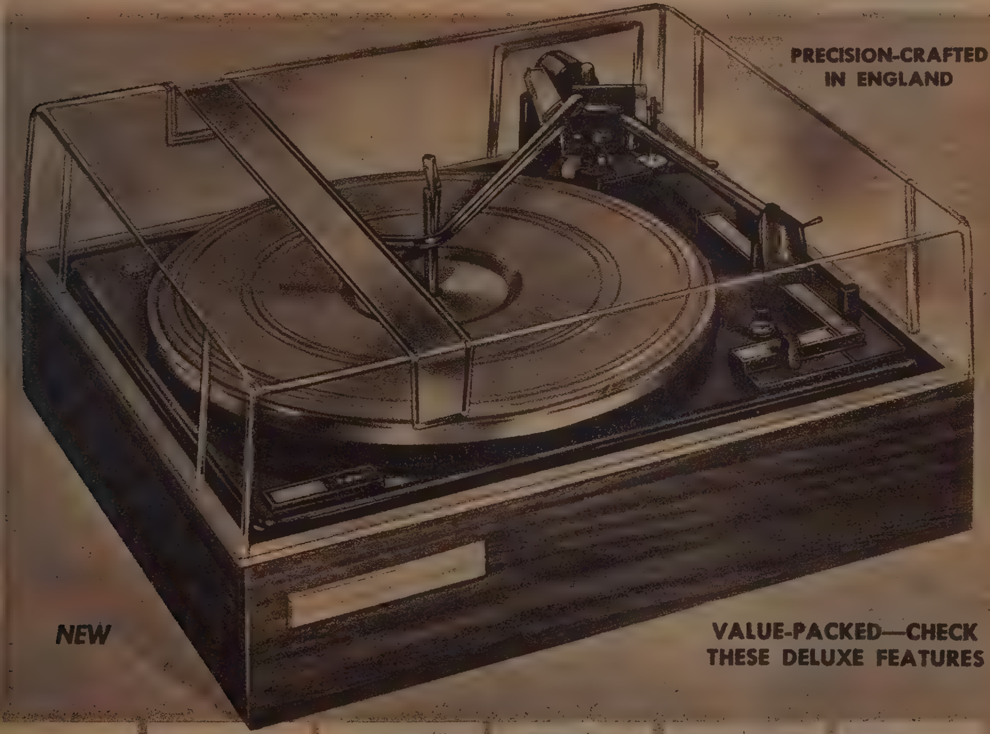
Plus
Your Choice of Stereo Cartridge

Empire
888E
Reg. $39.95

Pickering
V15/ATE-3
Reg. $39.95

Shure
M93E
Reg. $39.95

Deluxe ALLIED 929 Stereo Turntable Package



PRECISION-CRAFTED IN ENGLAND

NEW

VALUE-PACKED—CHECK THESE DELUXE FEATURES

Deluxe Dynamically
alanced Pickup Arm

Extra-Heavy Cast,
Balanced Platter

Easy-Mount
Catridge Holder

Stylus Pressure
Adjustment

Adjustable Anti-
Skating Control

Automatic
Lock
Secures
Arm

ALLIED 929 4-Speed Automatic Turntable
Plus All Accessories for Only $5 More

eparately, $122.80. Package includes: **New Allied 929 Auto-
atic Turntable, Oiled Walnut Wood Base, Molded Styrene Dust
over plus Choice of Stereo Elliptical Cartridge.** This exciting new
llied automatic turntable has every important feature for the
ritical music lover. Dynamically-balanced low-mass tubular
luminum pickup arm. Stylus pressure is fully adjustable.
recise cuing and pause control. Adjustable anti-skating com-
ensation for maximum record and stylus protection and ex-
emely clean sound. "Pop" filter, muting. Heavy, full-size
ast platter is perfectly balanced. Automatic or manual opera-
ion. Flutter, less than .05%; wow, less than 0.12% rms. Size,
3⅛x11¼". For 115 VAC. Shpg. wt., 20 lbs.
4 C 0130 CD3U. Package. *Specify Cartridge*.............**74.95**

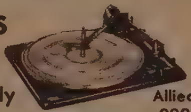
**ew Allied 929 Automatic Turntable with Stereo Elliptical Cartridge
r 1¢ More.** Choice of Empire 888E, Pickering V15/ATE-3 or
hure M93E stereo elliptical cartridge. Optional base, dust
over below. Shpg. wt., 11 lbs.
4 C 0129 CDX. Specify Cartridge. *$5 Monthly*.........**69.96**

4 C 5429 U. Allied 929 Turntable Alone. 11 lbs............**69.95**
4 C 5430 X. Deluxe Oiled Walnut Wood Base. 3 lbs.......**7.95**
4 C 5614 X. Mounting Board. 2 lbs..........................**1.95**
4 C 5453 X. Dust Cover. Transparent styrene. 5 lbs.......**4.95**
4 C 5454. 45-rpm Automatic Spindle. 12 oz...............**1.69**

Save $47.85

YOU GET ALL THIS

For Only $74.95 $5 monthly



Allied 929

Styrene Dust Cover

Oiled Walnut Wood Base

Plus

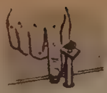
Your Choice of Stereo Cartridge

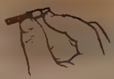
Empire
888E
Reg. $39.95

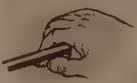
Pickering
V15/ATE-3
Reg. $39.95

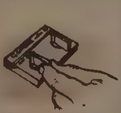
Shure
M93E
Reg. $39.95

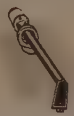
GARRARD Automatic Turntables

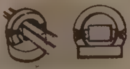

Auto-Rise Safety Record Platform


Sliding-Weight Anti-Skate Control


Calibrated Stylus Pressure Gauge


Combined Manual-Cuing-Pause Control

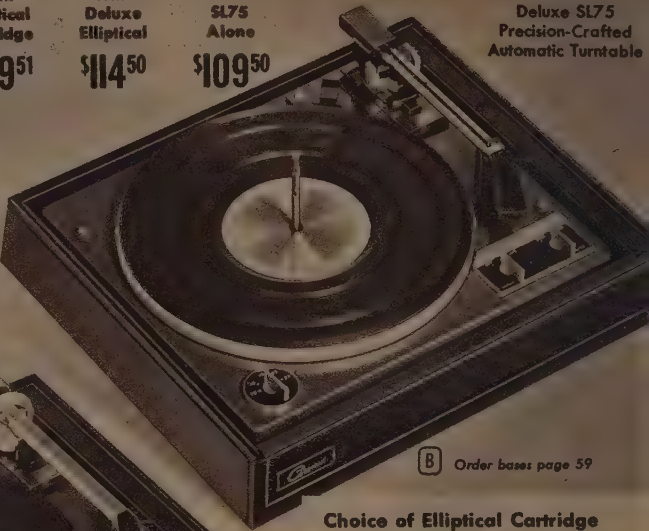

Dynamically Balanced Low-Mass Pickup Arm


Gimballed Needle Pivots

With Elliptical Cartridge	With Deluxe Elliptical	Garrard SL95 Alone
$129.51	$134.50	$129.50

With Elliptical Cartridge	With Deluxe Elliptical	Garrard SL75 Alone
$109.51	$114.50	$109.50

Deluxe SL75 Precision-Crafted Automatic Turntable


B Order bases page 59

Choice of Elliptical Cartridge

only 1¢ more

Empire 888E
Reg. $39.95

Pickering V15/ATE-3
Reg. $39.95

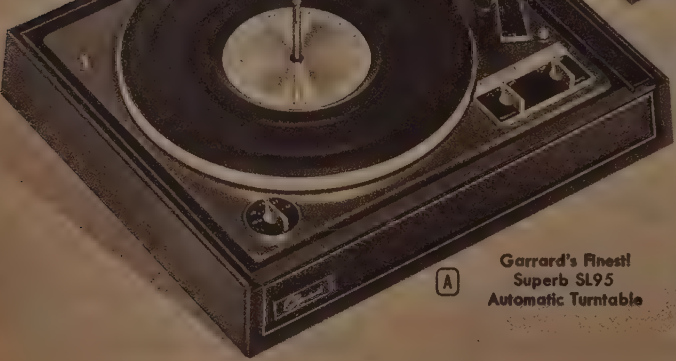
Shure M93E
Reg. $39.95

only $5 more

Empire 888TE
Reg. $49.95

Pickering XV-15/AME
Reg. $49.95

Shure M91E
Reg. $49.95


A Garrard's Finest! Superb SL95 Automatic Turntable

A SL95 Automatic Turntable and Stereo Cartridge

Save $39.94. Magnificent automatic turntable is the choice of audiophiles everywhere—has *every* deluxe feature! Synchro-Lab motor assures smooth, perfectly constant speed. Ultra-low-mass pickup arm, adjustable counterweight, anti-skating control, stylus force dial. Additional features shown above. Plays up to 6 records automatically or operates manually. 33⅓, 45, 78 rpm. 15$^{13}/_{16}$x 14⅝". Req. 4⅜" above, 3" below mtg. board. Choose Empire 888E, Pickering V15/ATE-3 or Shure M93E cart. Order base, 45-rpm auto. spindle, p. 59. 117 VAC. England. 13 lbs.
13 C 0081 CDU. Specify Cartridge. *$7 Monthly*............**129.51**

SL95 with Deluxe Elliptical Cartridge for $5 More. *Save $44.95.* Empire 888TE, Pickering XV15/AME, Shure M91E. 13 lbs.
13 C 0082 CDU. Specify Cartridge. *$7 Monthly*..............**134.50**

13 C 3061 U. SL95 Alone. 13 lbs. *$7 Monthly*................**129.50**

$25 more

SL95 with Superb Empire 999VE Super-Elliptical Cartridge. *Save $49.95.* 13 lbs.
13 C 0083 DU. *$8 Monthly*..........**154.50**

B SL75 Automatic Turntable and Cartridge

Save $39.94. Deluxe automatic turntable feature the Synchro-Lab motor for perfect speed accuracy Twin-braced low-mass pickup arm, adjustabl counterweight, stylus force assembly, anti-skatin control, full 12" turntable. Easy-to-use combine speed and record size selector; combined manua and cuing controls. Plays up to 6 records automatically or operates manually. 33⅓, 45, 78 rpm "Auto-Rise" platform telescopes out of way durin single play. 16$^{1}/_{16}$x14$^{9}/_{16}$". Req. 4⅜" above, 3" belo mtg. board. Choose Empire 888E, Pickering V15 ATE-3 or Shure M93E cartridge. Order base, 45 rpm automatic spindle, page 59. For 110-120 V, 6 Hz AC. From England. Wt., 13 lbs.
13 C 0084 CDU. Specify Cartridge. *$6 Mo.*... **109.5**

SL75 with Deluxe Stereo Elliptical Cartridge for $ More. *Save $44.95.* Choose Empire 888TE, Pickerin XV-15/AME or Shure M91E. 13 lbs.
13 C 0085 CDU. Specify Cartridge. *$6 Monthly* **114.5**

13 C 3062 U. SL75 Alone. 13 lbs. *$6 Monthly*..**109.5**

THE GARRARD AUTOMATIC TURNTABLES SHOWN ON THESE PAGES ARE FEATURED IN SYSTEMS ON PAGES 8-24, 39-43, 49, 468, 471-473

with Elliptical Cartridge Offers

With lliptical artridge	With Deluxe Elliptical	Garrard SL65 Alone
79⁵¹	$84⁵⁰	$79⁵⁰

Popular SL65 Synchro-Lab 4-Speed Automatic Turntable

PERFECT-SPEED MOTOR

Synchro-Lab combines the power of an induction motor with the exact-speed accuracy of a fine synchronous motor for flawless performance.

Order bases, page 59

Low-Cost SL55 Synchro-Lab Automatic Turntable

With Elliptical Cartridge	With Deluxe Elliptical	Garrard SL55 Alone
$59⁵¹	$64⁵⁰	$59⁵⁰

Choice of Elliptical Cartridge

only 1¢ more

Empire 808E	Pickering V15/ACE-3	Shure M32E
Reg. $29.95	Reg. $29.95	Reg. $29.50

only $5 more

Empire 888E	Pickering V15/ATE-3	Shure M93E
Reg. $39.95	Reg. $39.95	Reg. $39.95

A SL65 Automatic Turntable and Stereo Cartridge

ave Up to $29.94. Feature-packed turntable boasts famous arrard precision, dependability and convenience, plus he sensational Synchro-Lab motor for perfect speed egardless of line voltage variations or number of records n turntable. Cuing and pause control, optical-type stylus ressure adjustment, anti-skate compensation. Adjustable, esiliently mounted counterweight on tubular dynamically alanced pickup arm. Cast, balanced oversize turntable. lays up to 6 records automatically or operates manually. 6⅔, 33⅓, 45 and 78 rpm. Automatic intermix. 15⅛x 3⅛". Req. 4¾" above, 2⅞" below mtg. board. Empire 08E, Pickering V15/ACE-3 or Shure M32E cartridge. rder base, 45-rpm auto. spindle, p. 59. 110-120 V, 60 z AC. England. 13 lbs.

3 C 0079 CDU. Specify Cartridge. *$5 Monthly* 79.51

L65 with "Lighter-Tracking" Elliptical Cartridge for $5 More. *ave $34.95* Choose Empire 888E, Pickering V15/ATE-3, r Shure M93E. Shpg. wt., 13 lbs.

3 C 0080 CDU. Specify Cartridge. *$5 Monthly* 84.50

odel SL65 Automatic Turntable Alone. Shpg. wt., 13 lbs.

3 C 3063 U. *$5 Monthly* 79.50

B SL55 Automatic Turntable and Stereo Cartridge

Save Up to $29.94. Precision-engineered automatic turntable offers exceptional quality at a surprisingly low price. Features the outstanding Synchro-Lab motor for constantly perfect speed accuracy. Tubular pickup arm has fixed counter-balance, convenient stylus pressure adjustment. Cuing lever lets you raise or lower arm without touching it. Oversized turntable. Two spindles; single play spindle rotates with record. Automatic intermix. Automatic or manual operation at all four speeds; 16⅔, 33⅓, 45 and 78 rpm. 14⅞x12¾". Req. 4¾" above, 2⅞" below mtg. board. Choose Empire 808E, Pickering V15/ACE-3 or Shure M32E cartridge. Order base, 45-rpm automatic spindle, page 59. For 110-120 V, 60 Hz AC. From England. Shpg. wt., 11 lbs.

13 C 0077 CDU. Specify Cartridge. *$5 Monthly* 59.51

SL55 with "Lighter-Tracking" Elliptical Cartridge for $5 More. *Save $34.95.* Choose Empire 888E, Pickering V15/ATE-3 or Shure M93E. Shpg. wt., 11 lbs.

13 C 0078 CDU. Specify Cartridge. *$5 Monthly* 64.50

Model SL55 Automatic Turntable Alone. Shpg. wt., 11 lbs.

13 C 3064 U. *$5 Monthly* 59.50

EE PAGE 59 FOR GARRARD BASES AND OTHER ACCESSORIES

Garrard Turntables with Stereo Cartridge

Order base on facing page

only 1¢ more

Stereo Conical Cartridge

888	V15/AC-3	M75-6
Reg. $24.95	Reg. $24.95	Reg. $24.50

only $5 more

Stereo Elliptical Cartridge

808E	V15/ACE-3	M32E
Reg. $29.95	Reg. $29.95	Reg. $29.50

Order base on facing page

40 MK II Automatic Turntable with Stereo Cartridge

With Stereo Cartridge	With Stereo Elliptical	40 MK II Alone
$44.51	$49.50	$44.50

Save Up to $24.94. Precision-crafted for fine performance. Four-pole motor provides exact 16⅔, 33⅓, 45, 78-rpm speeds. Counterbalanced arm with stylus pressure adjustment for light tracking. Oversize, weighted platter. Automatic or manual operation; two spindles. 13⅞x12″. Req. 4½″ above, 2⅞″ below mtg. board. With choice of stereo cartridge for 1¢ more—Empire 888, Pickering V15/AC-3 or Shure M75-6—**specify.** Order base, 45-rpm auto. spindle, facing page. England.
13 C 0001 CDX. 11 lbs. *$5 Monthly*.....44.51

40 MK II with Elliptical Cartridge for $5 More. *Save Up to $24.95.* Empire 808E, Pickering V15/ACE-3 or Shure M32E—**specify.** 11 lbs.
13 C 0002 CDX. *$5 Monthly*..........49.50

13 C 3164 X. 40 MK II Alone. 11 lbs......44.50

SP20 Manual Turntable, Cartridge

With Stereo Cartridge	With Stereo Elliptical	SP20 Alone
$37.51	$42.50	$37.50

Save Up to $24.94. Precision four-speed manual turntable is perfect for home stereo systems and quality audio-visual applications in schools and industry. Counter-balanced pickup arm automatically returns to rest and shuts turntable off after record is played. Stylus force adjustment. Plug-in head. Full-size weighted turntable for rumble-free performance. Soft mat protects records. 14⅜x12½″. With choice of stereo conical cartridge for 1¢ more—Empire 888, Pickering V15/AC-3 or Shure M75-6—**specify.** With 45-rpm adapter. Order base, facing page. From England. Shpg. wt., 11 lbs.
13 C 0003 X. *$5 Monthly*...............37.51

SP20 with Elliptical Cartridge for $5 More. *Save Up to $24.95.* Empire 808E, Pickering V15/ACE-3 or Shure M32E—**specify.** 11 lbs.
13 C 0005 CDX. *$5 Monthly*..........42.50

13 C 3150 X. SP20 Alone. 11 lbs..........37.50

Garrard SLx-2 Automatic Turntable Module

- Synchro-Lab Motor for Perfect Speed Accuracy
- Ultra-Low-Mass Tubular Aluminum Pickup Arm

Superb automatic turntable comes complete with simulated walnut and ebony base, dust cover, factory-mounted *magnetic* stereo cartridge. Features Garrard's famous Synchro-Lab motor for perfect 33⅓, 45 and 78 rpm speeds. Combined speed and record size selector. Cuing and pause control. Ultra-low-mass dynamically-balanced pickup arm with built-in stylus pressure gauge. Two spindles. Size, 7¾x15x13¼″. Order LRS-20 45-rpm automatic spindle, facing page. From England. Shpg. wt., 14 lbs.
13 C 2679 X. *$5 Monthly*..................69.50

With Base and Magnetic Stereo Cartridge

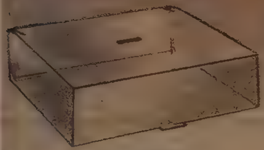
$69.50

$5 monthly

Turntables on this Page for 110-120 Volts, 60 Hz AC

Garrard Accessories and Automatic Turntable

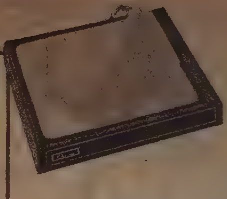
All-New Dust Cover and Base Styling



Dust Cover
Lifts Up or Slides Out

Power-Matic Bases with Accessory Compartment

Turns Off
Amplifier After
Last Record

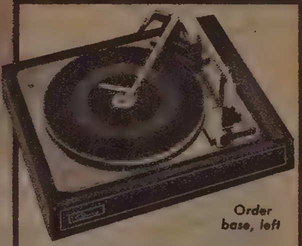


Bases Have Channels for
Positive Dust Cover Fit

Genuine Garrard Automatic Turntable Accessories

oordinated bases with accessory trays. Molded of simulated pin-seal leather nd ebony, black with silver trim. Pro- ision for easy mounting of slides if de- ired. "Power-Matic" bases turn off mplifier or receiver after last record as played. **Dust covers** are clear molded styrene. New design lets you *slide* cover into place from front or *tilt up* and lock into place for loading or adjusting turntable. Can be left in place while playing. **Mounting boards** are smooth-sanded, unfinished wood, 16x18". *Also for 50 and 60 Series Garrard Turntables.

Stock No.	Type	Description	Lbs.	EACH
13 C 3275 X	B-1	Base for SL65, SL55, 40 MK II, 30, SP20*.	5	4.95
13 C 3276 X	B-2	Base for SL95 and SL75.	6	5.95
13 C 3279 X	B-1P	Like B-1, but "Power-Matic" feature.	7	14.95
13 C 3283 X	B-2P	Like B-2, but "Power-Matic" feature.	8	15.95
13 C 3290 X	D-1	Dust cover for B-1, B-1P bases.	5	4.95
13 C 3291 X	D-2	Dust cover for B-2, B-2P bases.	5	5.95
13 C 3060 X	MB10	Mounting board for SL65, SL55, 40 MK II, SP20*.	2	2.25
13 C 3070 X	MB11	Mounting board for SL95, SL75.	2	2.25
13 C 3087	LRS20	45-rpm auto. spindle for SL65, SL55, 40 MK II, 30*.	8 oz.	3.80
13 C 3076	LRS25	45-rpm auto. spindle for SL95, SL75.	8 oz.	3.80
13 C 3077	C1	Cartridge clip for SL75.	3 oz.	1.75
13 C 3089	C2	Cartridge clip for SL95.	3 oz.	1.75
13 C 3112	M7	Extra cartridge head for SL65, SL55, 40 MK II, SP20*.	3 oz.	1.75



Order base, left

Model 30 Automatic Turntable

$39^50
$5 monthly

With Stereo Ceramic Cartridge, Diamond Stylus

Renowned Garrard precision craftsmanship in a remarkably low-priced automatic turntable. Perfect for budget systems or upgrading consoles. Four speeds. Automatic intermix. Two spindles. Oversize, weighted turntable. With ceramic cartridge, diamond stylus. 14$\frac{1}{16}$x12$\frac{3}{4}$". Optional base, 45-rpm automatic spindle, left. For 110-130 volts, 60 Hz AC. From England. Shpg. wt., 10$\frac{1}{4}$ lbs.

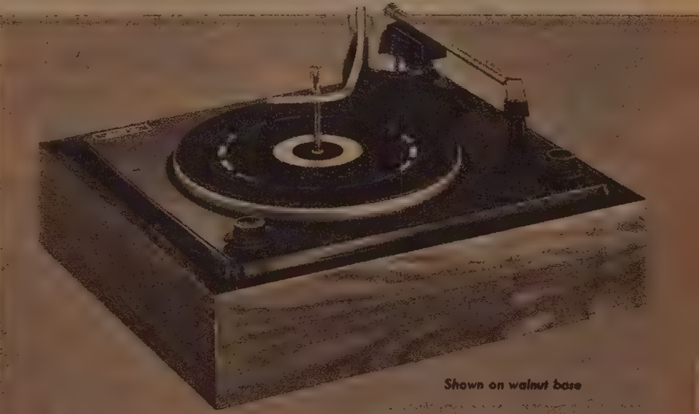
13 C 3167 X..........39.50

New ALLIED® 480 Low-Cost 4-Speed Automatic Turntable

Allied's Own Low-Cost Automatic Turntable Complete with Stereo Dual Ceramic Cartridge

$19^95 less base
$5 monthly

- **Automatic Record Size Intermix**
- **Light Tracking for Low Record Wear**



Shown on walnut base

ALLIED 480 Automatic Stereo Turntable with Cartridge

All-new stereo automatic turntable offers excellent quality at exceptionally ow cost. Plays stack of six 12", 10" or 7" records automatically, mixes 12", 10", 7" sizes of same speed. Automatic shutoff. Lightweight pickup arm offers excellent tracking for low record wear. Flip-over stereo ceramic cartridge provides excellent channel separation. Dual synthetic-sapphire needles play any stereo or mono record. Nine-inch platter. All four speeds: 16$\frac{2}{3}$, 33$\frac{1}{3}$, 45 and 78 rpm. 13$\frac{3}{16}$x12". Req. 4$\frac{1}{2}$" above, 1$\frac{3}{4}$" below mounting board. With cartridge, audio cables. Order 45-rpm automatic spindle, base below. For 115 volts, 60 Hz AC. Shpg. wt., 11 lbs.

14 C 5460 X. *$5 Monthly*..........19.95
14 C 5471 X. **Walnut Base.** 3 lbs.....4.95
14 C 5463. **45-rpm Spindle.** 8 oz.....1.29

Ideal Automatic Turntable for Low-Cost Stereo Systems or Upgrading Stereo Consoles

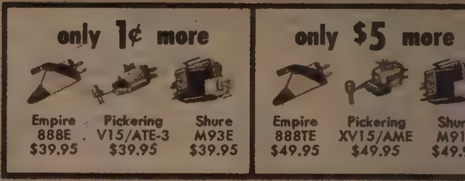
An excellent choice for second systems in the den, recreation room or bedroom—great for replacing record changers in consoles too—or simply use it to start your stereo system.

DUAL Automatic Turntables and Cartridge

World-Famous DUAL by United Audio

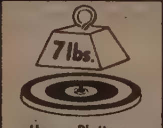
A — Shown on WB59 base

Model 1019 . . Renowned for Quality Performance



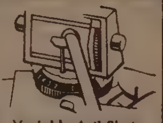
New Dual Model 1109F Automatic Turntable . . Loaded with Deluxe Features for Superb Performance B

Both Models Include These Big Features . .

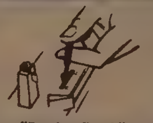


Heavy Platters . . 1019, 7½ lbs. 1009F, 4 lbs.

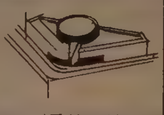
Single-Play Spindle Rotates with Record to Prevent Wear



Variable Anti-Skate Compensation for Precise Tracking



"Feather-Touch" Cue Control with One-Groove Accuracy



6% Variable Pitch Control for Perfect Speed

Precise Engineerin Meets Professiona Standards

A 1019 Automatic Turntable with Cartridge

With Elliptical Stereo Cartridge	With Deluxe Stereo Elliptical	1019 Alone
$129.51	$134.50	$129.50

Save $39.94. World-renowned Dual 1019 automatic turntable has every deluxe feature for superlative performance—acclaimed by audiophiles everywhere! Boasts dynamically balanced arm with adjustable counterweight; massive 7½-lb. platter; precise cuing. Continuous-pole motor for smooth 16⅔, 33⅓, 45 and 78-rpm speeds, plus 6% vari-pitch range. 12¾x10¾". Requires 6" above, 3" below mtg. board. Choose Empire 888E, Pickering V15/ATE-3 or Shure M93E stereo elliptical cartridge for only 1c more. Order base and accessories below. For 115 VAC. From West Germany. Shpg. wt., 23 lbs.

13 C 0389 CDU. Specify Cartridge. *$7 Monthly*. 129.51

1019 with Deluxe Stereo Elliptical Cartridge. Empire 888TE, Pickering XV15/AME or Shure M91E. 23 lbs.

13 C 0391 CDU. Specify Cartridge. *$7 Monthly*. 134.50

13 C 3260 U. 1019 Alone. 23 lbs. *$7 Monthly*. 129.50

1019 with Superb Empire 999VE Cartridge

$25 more

Save $49.95 **$154.50** $8 monthly

Connoisseur's choice! Dual 1019 with Empire's sensational 999VE super elliptical stereo cartridge.

13 C 0071 DU. Wt., 23 lbs. 154.50

B 1009F Automatic Turntable with Cartrid

With Elliptical Stereo Cartridge	With Deluxe Stereo Elliptical	1009F Alone
$109.51	$114.50	$109.50

Save $39.94. Deluxe new automatic turntable is precisi made to assure the highest standard of performance. I vides automatic or manual operation in single-play changer modes. Features special anti-skating device precise tracking; effortless cuing; dynamically balan 4-lb. platter. Fine, continuous-pole motor; 33⅓, 45 anc rpm speeds, plus 6% vari-pitch range. 12¾x10¾". Req above, 3" below mtg. board. Choose Empire 888E, Pick ing V15/ATE-3 or Shure M93E stereo elliptical cartri for only 1c more. Order base, accessories below. 115 V From W. Germany. 20 lbs.

13 C 0392 CDU. Specify Cartridge. *$6 Monthly*. 10

1009F with Deluxe Stereo Elliptical Cartridge. Empire 888 Pickering XV15/AME or Shure M91E. 20 lbs.

13 C 0388 CDU. Specify Cartridge. *$6 Monthly*. 11

13 C 3265 U. 1009F Alone. 20 lbs. *$6 Monthly* 10

Genuine Dual Accessories for All Dual Model

13 C 3284 X. WB59 Base. Oiled Walnut. Wt., 4 lbs. 7

13 C 3286 X. DC1T Dust Cover. For WB59 above. 3 lbs. . 8

13 C 3289 X. WB93 Deluxe Base. Oiled walnut. 5 lbs. . 1

13 C 3295 X. DC3 Dust Cover. For WB93 above. 4 lbs. . . 8

13 C 3288 X. DCB3 Deluxe Base/Dust Cover Combination. C er tilts or removes for changer operation. 10 lbs. 29

13 C 3208. AS9 45-rpm Automatic Spindle. 10 oz. 5

13 C 3264. CH19 Extra Cartridge Holder. 3 oz. 3

DUAL Automatic Turntables and Cartridge

Dual 1015F with Cartridge Offer

With Elliptical tereo Cartridge	With Deluxe Stereo Elliptical	1015 Alone
$89.51	$94.50	$89.50

ve $39.94. Dual's deluxe features at oderate cost. Fine, dynamically balaced arm. Anti-skate; cuing; vernier eed control. 12½x10¾". Empire 888E, ckering V15/ATE-3 or Shure M93E—ecify. Base, access. p. 60. 115 VAC.

C 0925 CDU. W. Ger. 16 lbs. 89.51

15 and Deluxe Elliptical $5 More. *Save 4.95.* 888TE, XV15/AME, M91E. 16 lb

C 0930 CDU. Specify Cartridge. . .94.50

C 3253 U. 1015 Alone. 16 lbs. 89.50

New 1212 Automatic Turntable

With Elliptical eree Cartridge	With Deluxe Stereo Elliptical	1212 Alone
$74.51	$79.50	$74.50

ve to $29.94. An outstanding value. Dymically balanced arm; 3 speeds; vernier eed control; anti-skating; cuing. 12¾x ¾". Choose Empire 808E, Pickering 5/ACE-3, or Shure M32E—specify. se, accessories page 60. 115 VAC.

C 0926 CDU. W. Ger. 16 lbs. 74.51

2 and Deluxe Elliptical $5 More. *Save 4.95.* 888E, V15/ATE-3, M93E. 16 lbs.

C 0929 CDU. Specify Cartridge. . .79.50

C 3267 U. 1212 Alone. 16 lbs. 74.50

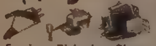
Latest Version of Dual 1015
Three-Speed Automatic Turntable
—by United Audio

Shown on WB59 base

only 1¢ more

Empire	Pickering	Shure
888E	V15/ATE-3	M93E
$39.95	$39.95	$39.95

only $5 more

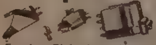


Empire	Pickering	Shure
888TE	XV15/AME	M91E
$49.95	$49.95	$49.95

NEW

Model 1212

only 1¢ more



Empire	Pickering	Shure
808E	V15/ACE-3	M32E
$29.95	$29.95	$29.50

only $5 more

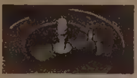
Empire	Pickering	Shure
888E	V15/ATE-3	M93E
$39.95	$39.95	$39.95

xciting ELPA PE-2020 Turntable

eluxe Automatic Turntable or the Audio Perfectionist

xclusive Vertical cking Adjustment 15° Stylus Angle

ylus Protection—Arm Will Not Descend on mpty Turntable



e-LeverCommand nter Controls All ntable Operations

Shown on walnut base

ith Elliptical ree Cartridge	With Deluxe Stereo Elliptical	PE-2020 Alone
$129.96	$134.95	$129.95

e $39.94. Has every deluxe feature for st performance. Anti-skating. Low s arm tracks to ¼ gram. Four-pole tor provides ±0.1% 16⅔, 33⅓, 45 78 rpm speeds, plus 6% pitch control. namically-balanced 7¾-lb. platter. tomatic or manual play. 14$\frac{1}{16}$x12". E, V15/ATE-3 or M93E cartridge. Or- base, accessories, right. 115 VAC. W. many. 20 lbs.

C 0387 CDU. Specify Cartridge. 129.96

PE-2020 with Deluxe Cartridge $5 More' *Save $44.95.* Choose 888TE, XV15/AME or M91E. 20 lbs.

13 C 0384 CDU. Specify Cartridge. 134.95

13 C 3273 U. PE-2020 Alone. 129.95

13 C 3247 X. Walnut Base. 3 lbs. 11.95

13 C 3245 X. Mtg. Board. 1 lb. 3.95

13 C 3242. 45-rpm Automatic Spindle. Shpg. wt., 3 oz. 5.95

13 C 3241. Cart. Mount. 3 oz. 5.95

only 1¢ more

Empire	Pickering	Shure
888E	V15/ATE-3	M93E
$39.95	$39.95	$39.95

only $5 more

Empire	Pickering	Shure
888TE	XV15/AME	M91E
$49.95	$49.95	$49.95

For the Extra-Critical Audiophile—PE-2020 with 999VE

erb PE-2020 and Empire's 999VE er-elliptical stereo cartridge. 20 lbs.

0149 DU. *$8 Monthly.* 154.95

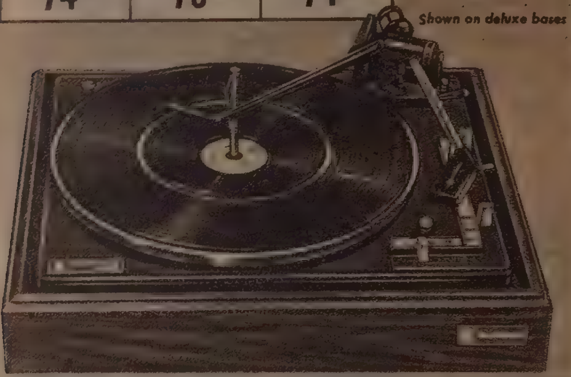
$25 more

Save $49.95

$154.95

BSR McDonald Automatic Turntables, Cartridge

With Elliptical Cartridge	With Deluxe Elliptical	Model 600 Alone
$\$74^{51}$	$\$79^{50}$	$\$74^{50}$



Shown on deluxe bases

600 Turntable with Stereo Cartridge

Deluxe 4-speed automatic turntable is loade with important features for superb performanc and operating convenience. Precise cuing an pause control. Perfectly counterbalanced low mass tubular aluminum pickup arm provide light tracking. Adjustable anti-skate compensa tion. Full-size heavy cast turnable platter.

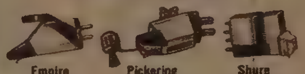
Plays stack of records automatically or single manually. Stereo muting feature prevents pop and clicks during record-changing cycle. Auto matic shutoff. 13⅛x11¼". Req. 4" above, 2½ below mtg. board. Choose Empire 808E, Picker ing V15/ACE-3 or Shure M32E stereo cartridg —specify. Order base, bottom of page. 11 VAC. Wt., 11 lbs.
13 C 0105 CDU. *$5 Monthly* 74.5

McDonald 600 With Deluxe Elliptical Cartridge fo $5 More. Choose Empire 888E, Pickering V15 ATE-3 or Shure M93E—**specify.** 11 lbs.
13 C 0106 CDU. *$5 Monthly*...............79.50

13 C 3050 U. 600 Alone. *$5 Monthly*..........74.5

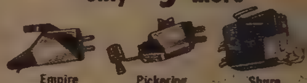
Save up to $34.95
on Stereo Elliptical Cartridge with Purchase of BSR McDonald Model 600, 500A or 400

only 1¢ more



Empire 808E Reg. $29.95	Pickering V15/ACE-3 Reg. $29.95	Shure M32E Reg. $29.50

only $5 more



Empire 888E Reg. $39.95	Pickering V15/ATE-3 Reg. $39.95	Shure M93E Reg. $39.95

Shown on deluxe base

With Elliptical Cartridge	With Deluxe Elliptical	Model 500A Alone
$\$59^{51}$	$\$64^{50}$	$\$59^{50}$

500A Turntable with Stereo Cartridg

Exceptionally fine four-speed automatic tur table offers deluxe features and performanc Cuing, anti-skate, counterbalanced low-ma arm for light-tracking. Pop filter. Size, 13⅛ 11¼". Requires 4" above, 2½" below mounti board. Choose Empire 808E, Pickering V1 ACE-3 or Shure M32E—**specify.** Order ba below. For 115 VAC. Shpg. wt., 9½ lbs.
13 C 0107 CDU. *$5 Monthly*..............59.5

500A with Deluxe Elliptical Cart. Empire 888 Pickering V15/ATE-3, Shure M93E—**specify.**
13 C 0108 CDU. 9½ lbs. *$5 Monthly*. ....64.

13 C 3010 U. 500A Alone. *$5 Monthly*.......59.

With Elliptical Cartridge	With Deluxe Elliptical	Model 400 Alone
$\$49^{51}$	$\$54^{50}$	$\$49^{50}$

400 Turntable with Stereo Cartridge

Excellent 4-speed automatic turntable boa the same fine precision craftsmanship found higher-priced McDonalds. Cuing. Jamproof lo mass arm. Anti-skate adjustment. Automatic manual. 13⅛x11¼". Requires 4". above, 2½ below mtg. board. Empire 808E, Pickeri V15/ACE-3 or Shure M32E—**specify.** Ord base below. 115 VAC. 9½ lbs.
13 C 0109 CDU. *$5 Monthly*...............49.5

400 with Deluxe Elliptical Cart. Empire 888 Pickering V15/ATE-3, Shure M93E—**specify.**
13 C 0121 CDU. 9½ lbs. *$5 Monthly*........54.

13 C 3011 U. 400 Alone. *$5 Monthly*.........49.

Accessories for all BSR McDonald Automatic Turntables

13 C 3051 X. WB-6 Deluxe Base. Oiled walnut veneer. Black and silver trim. Recessed, scalloped top. 5 lbs.........12.00

13 C 3058 X. WB-5 Base. Walnut grain. 3¾ lbs.........6.00

13 C 3113. AS-2 45-rpm Automatic Spindle Adapter Set. 45-rpm automatic adapter, plus bracket to store adapter and automatic or manual spindles. With mounting hardware. Shpg. wt., 8 oz. 2.25

Molded Dust Covers. Tinted, rigid molded dust covers. M be used while turntable is playing. Deluxe Model DC3 h vinyl walnut and silver trim. 2¾ lbs.

13 C 3093 X. Deluxe Model DC-3.......................7.

13 C 3090 X. Model DC-2..............................5.

13 C 3055 X. MB-2 Mounting Board. Unfinished. 15⅞x15⅞ May be trimmed. ½" thick. 2 lbs.........................2.

Top-Quality Turntables with Stereo Cartridges

racord Automatic Turntables, Cartridge

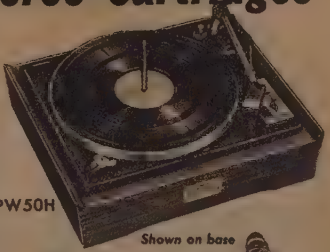
50H. Four-speeds. Hysteresis motor. Auto. or man., shbutton operation. 14½x12½". 888E, V15/ATE-3 M93E. Base, below. 115 VAC. W. Germany.
C 0400 CDU. 20 lbs. *Specify Cartridge*.......149.51
C 0401 CDU. **PW50H with Deluxe Elliptical.** 888TE 15/AME, M91E. 20 lbs. *Specify Cartridge*. 154.50
C 0402 DU. **PW50H with Superb Empire 999VE Stereo** otical Cartridge. 20 lbs. *$9 Monthly*...........179.50
C 3256 U. **PW50H Alone.** *$8 Monthly*..........149.50

. Four speeds. Auto. or man. Pushbuttons. 13⅜x /8". 888E, V15/ATE-3, M93E. W. Germany.
C 0415 CDU. 14 lbs. *Specify Cartridge*........89.51
C 0416 CDU. **620 with Deluxe Elliptical.** 888TE, 15/AME, M91E. 14 lbs. *Specify Cartridge*. .94.50
C 3146 U. **620 Alone.** *$5 Monthly*............89.50

Miracord Accessories

C 3257X. **RB2A Walnut Base.** PW50H, 620. 3 lbs. 6.95
C 3239 X. **DC3 Dust Cover.** PW50H, 620. 2 lbs. 5.95
C 3193. **CR50 Extra Cart. Mt.** PW50H. 3 oz.....5.00
C 3195. **CR600 Extra Cart. Mt.** 620. 3 oz........3.00

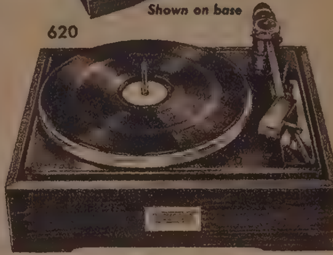
With Elliptical Cartridge	$\$149^{51}$
With Deluxe Elliptical	$\$154^{50}$
PW50H Alone	$\$149^{50}$


PW50H

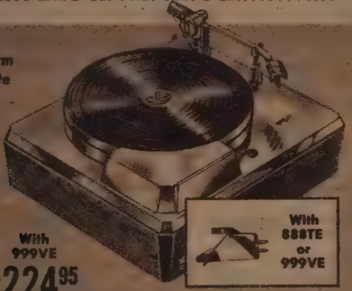
Shown on base

With Elliptical Cartridge	$\$89^{51}$
With Deluxe Elliptical	$\$94^{50}$
620 Alone	$\$89^{50}$

620



w 980A Arm
h Anti-Skate
Feature



With 888TE $\$99^{95}$ With 999VE $\$224^{95}$

npire 398A-G Turntable with Cartridge

ofessional-quality turntable outfit with walnut se and Empire 888TE "Super-Elliptical" Stereo rtridge. New 980A pickup arm has anti-skate feare. Hysteresis motor, belt drive, massive 6-lb. atter. 33⅓, 45, 78 rpm. 7½x17x15". 115 VAC.
C 0417 DU. 28 lbs. *$10 Monthly*..........199.95

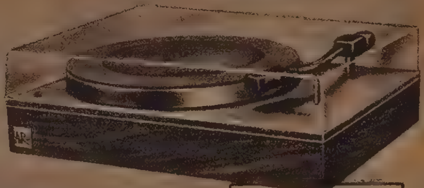
pire 398A-G with 999VE. Empire's finest stereo iptical cartridge. Connoisseur's choice.
C 0418 DU. 28 lbs. *$12 Monthly*..........224.95

Famous AR "XA" Turntable with Cartridge

With Conical
$\$78^{01}$

With Elliptical
$\$83^{00}$

XA Alone
$\$78^{00}$



Save $24.94. Superb manual turntable. Viscous-damped 12" arm, 33⅓, 45 rpm belt drive, 3½-lb. platter. With walnut base, dust cover, stereo cartridge. Empire 888, Pick'g. V15/AC-3, Shure M75-6—specify. 5¼x16¾x12½". 115 VAC.
13 C 0379 CDU. 20 lbs..........78.01

XA with Elliptical Cartridge. *Save $34.95.* 888E, V15/ATE-3, M93E—specify. Shpg. wt., 20 lbs.
13 C 0393 CDU.................83.00
13 C 3119 U. **XA Alone**.........78.00

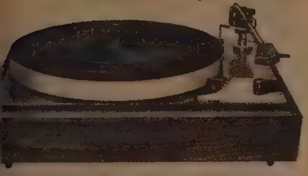
only 1¢ more

888 $24.95	V15/AC-3 $24.95	M75-6 $24.95

only $5 more

888E $39.95	V15/ATE-3 $39.95	M93E $39.95

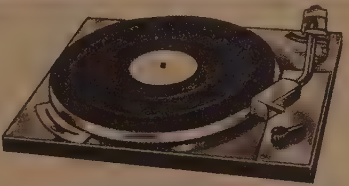
Bogen 4-Speed Turntables with Cartridge Offer



STEREO CARTRIDGE

only 1¢ more

Empire 888 Reg. $24.95	Pickering V15/AC-3 Reg. $24.95	Shure M75-6 Reg. $24.95



h Stereo artridge $\$49^{96}$ B-52 Alone $\$49^{95}$

With Stereo Cartridge $\$67^{96}$ B-62 Alone $\$67^{95}$

-52 Manual Turntable and Stereo Cartridge

ve $24.94. Features variable speed from 29-86 rpm; ck-stops for 4 speeds. 4-pole motor. Counterweighted n, cuing control, 11" platter. 3½x14¾x11⅞". Optional se below. Choose Empire 888, Pickering V15/AC-3, ure M75-6 stereo cartridge. 115 VAC. 16 lbs.
C 0398 CDU. Specify Cartridge. *$5 Monthly*......49.96
C 3296 U. **B-52 Alone.** 16 lbs. *$5 Monthly*..........49.95
C 3293 X. **PB9 Walnut Base.** 3 lbs.....................8.25

Deluxe B-62 Manual Turntable with Cartridge

Save $24.94. Variable 29-86 rpm speed; also 4 click-stops. Counterweighted arm, cuing. 15¼x13¼". Optional base below. Choose Empire 888, Pickering V15/AC-3 or Shure M75-6 stereo cartridge. 115 VAC. 23 lbs.
13 C 0399 CDU. Specify Cartridge. *$5 Monthly*......67.96
13 C 3277 X. **B-62 Alone.** 23 lbs. *$5 Monthly*..........67.95
13 C 3278 X. **PB7 Walnut Base.** 3 lbs......................8.25
13 C 3221 X. **COV-1 Dust Cover.** 2 lbs.....................8.25

PICKERING Magnetic Stereo Cartridges

"XV" SERIES

XV-15/AME Deluxe Elliptical

For the very finest manual and automatic turntables. Extra-light tracking .0003" x .0009" elliptical diamond stylus. Response, 10-30,000 Hz. 35 dB separation. Tracks ¾-1½ grams. With "Dustamatic" record cleaning brush. Shpg. wt., 3 oz.
13 C 3931 S. *$5 Monthly*.........49.95

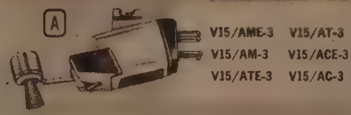
XV-15/ATE Stereo Elliptical

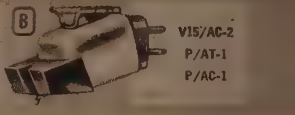
For automatic turntables. Light-tracking .0004" x .0009" elliptical diamond stylus. Response, 10-25,000 Hz. 35 dB separation. Tracks from 2-5 grams. With "Dustamatic" record cleaning brush. Shpg. wt., 3 oz.
13 C 3932 S. *$5 Monthly*.........44.95

XV-15/AT Conical Cartridge

For automatic turntables including economy models. .0007" tip diamond stylus. Response, 10-25,000 Hz. 35 dB separation. Tracks from 2-5 grams. With "Dustamatic" record cleaning brush. Shpg. wt., 3 oz.
13 C 3937 S. *$5 Monthly*.........34.95

World-Famous V and P Series Pickering Cartridges





A **V15/AME-3 Elliptical.** 15° .0003" x .0009" diamond stylus. 10-25,000 Hz. 32 dB sep. ¾-1½ grams. Brush.
13 C 3890 S. 3 oz. *$5 Monthly*...44.95

A **V15/AM-3 Conical.** .0007" conical-tip diamond stylus. 10-23,000 Hz. 32 dB sep. 1-3 grams. Brush.
13 C 3893 S. 3 oz. *$5 Monthly*...34.95

A **V15/ATE-3 Elliptical.** .0004" x .0009" diamond stylus. 10-23,000 Hz. 32 dB sep. 2-5 grams. Brush.
13 C 3892 S. 3 oz. *$5 Monthly*...39.95

A **V15/AT-3 Conical.** .0007" conical-tip diamond stylus. 10-25,000 Hz. 32 dB sep. 2-5 grams. Brush.
13 C 3894 S. 3 oz. *$5 Monthly*...29.95

A **V15/ACE-3 Elliptical.** .0005" x .0009 diamond stylus. 10-20,000 Hz. 26 dB sep. 3-5 grams. Brush.
13 C 3929 S. 3 oz. *$5 Monthly*...29.95

A **V15/AC-3 Conical.** .0007" conical-tip diamond stylus. 10-20,000 Hz. 26 dB sep. 3-7 grams. Brush.
13 C 3897 S. 3 oz. *$5 Monthly*...24.95

B **V15/AC-2 Conical.** .0007" diamond. 20-20,000 Hz. 26 dB. 3-7 grams.
13 C 3844 C. 3 oz. *$5 Monthly*...21.95

B **P/AT-1 Conical.** .0007" diamond. 20-15,000 Hz. 2-5 grams.
13 C 3917 S. 3 oz. *$5 Monthly*...19.95

B **P/AC-1.** Above, but 3-7 grams.
13 C 3918 S. 3 oz.............17.95

Special Purchase
$19⁹⁵
$5 monthly

V15/AME-2 Stereo Cartridge

Popular stereo elliptical cartridge for manual and automatic turntables, 15° .0003" x .0009" diamond stylus. 20-25,000 Hz. 35 dB sep. ¾-1½ grams. 3 oz.
13 C 3895 S. *$5 Monthly*.....19.95

SHURE "Dynetic" Magnetic Stereo Cartridges

M91E
M92E
M93E

HI-TRACK SERIES

M91E Deluxe Stereo Elliptical

Features optimized design parameters for superb trackability. Bi-radial .0002" x .0007" diamond stylus. 20-20,000 Hz. 25 dB sep. Tracks from ¾-1½ grams. Trackability at 1 gram; 28 cm/sec at 1 kHz. Wt., 6 oz.
13 C 3828 S. *$5 Monthly*.........49.95

M92E Elliptical Cartridge

Bi-radial .0002" x .0007" diamond stylus. 20-20,000 Hz. 25 dB sep. Tracks ¾-1½ grams. Trackability; 26 cm/sec at 1 kHz. 6 oz.
13 C 3829 S. *$5 Monthly*.........44.95

M93E Elliptical Cartridge

Provides exceptional performance in automatic or manual turntables. Bi-radial .0004" x .0007" diamond stylus. 20-20,000 Hz. 25 dB sep. Tracks from 1½-3 grams. 6 oz.
13 C 3842 S. *$5 Monthly*.........39.95

C M32E
M55E D
F M7/N21D
M44E
M44C
M44-7 E
G M3D

C **M32E Elliptical.** Fine, low-cost cartridge with .0004" x .0007" diamond stylus. Response, 20-17,500 Hz. Compliance, 10x10⁻⁶ cm/dyne. Separation, 20 dB. Tracks from 2 to 5 grams. Shpg. wt., 3 oz.
13 C 3879 S. *$5 Monthly*.........29.50

D **M55E Elliptical.** Famous elliptical cartridge boasts 15° .0002" x .0007" diamond stylus. Frequency response, 20-20,000 Hz. Separation, 25 dB. Tracks from ¾ to 1½ grams. Shpg. wt., 6 oz.
13 C 3827 S. *$5 Monthly*.........35.50

E **M44E Elliptical.** Features .0004" x .0007" elliptical diamond stylus. Frequency response, 20-20,000 Hz. Separation, 25 dB. Wide tracking force range from 1¾ to 4 grams. Shpg. wt., 6 oz.
13 C 3887 S. *$5 Monthly*.........34.50

E **M44C Conical.** Has 15° .0007" conical-tip diamond stylus. 20-20,00 Hz. Separation, 25 dB. Tracks fron 3 to 5 grams.
13 C 3934 S. Shpg. wt., 4 oz....17.9

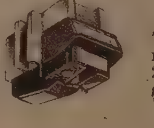
E **M44-7 Conical.** Retractable needle 15° .0007" diamond stylus. 20-20,000 Hz. Separation, 25 dB. Track from 1½ to 3 grams.
13 C 3820 S. 6 oz. *$5 Monthly*...19.9

F **M7/N21D Conical.** .0007" conica diamond stylus. 20-20,000 Hz Separation, 20 dB. Tracks from 1½ t 2½ grams.
13 C 3915 S. Shpg. wt., 3 oz....17.9

G **M3D Conical.** Ever-popular economy cartridge. Has .0007" conical-ti diamond stylus. Response, 20-15,00 Hz. 20 dB separation. Tracking force range, from 3-6 grams.
13 C 3900 S. Shpg. wt., 3 oz.....9.95

M75-6 Conical

.0006" conical stylus. 20-20,000 Hz. 25 dB sep. 1½-3 grams. Wt., 6 oz.
13 C 3850 S.....24.50



V15 Type II "Super Track" Elliptical Cartridge

Top rated cartridge provides maximum trackability at minimum tracking forces. Bi-radial .0002" x .0007" diamond stylus 20-25,000 Hz. Over 25 dB separation. Tracks from ¾-1½ grams. Trackability at 1 gram, 30 cm/sec at 1000 Hz.
13 C 3886 S. Shpg. wt., 6 oz. *$5 Monthly*.............67.50

All Cartridges on These Pages Have Standard Mounting Centers

EMPIRE Magnetic Stereo Cartridges

A Famous Empire "888" Series Stereo Magnetic Cartridges

88TE Elliptical. Widely-acclaimed ereo cartridge is ideal for high-erformance manual and automatic rntables. Has 15° .0002″ x .0007″ liptical diamond stylus. Frequency sponse, 8-32,000 Hz. Output, 6.0 V per channel. Channel separation, 0 dB. Compliance, 25x10-^{6} cm/dyne. racks from ½ to 3 grams. Shpg. wt., oz.
3 C 3964 S. *$5 Monthly*........49.95

88E Elliptical. Favorite choice for fine anual and automatic turntables. eatures 15° .0004″ x .0009″ elliptical iamond stylus. Response, 10-30,000 z. Output, 8.0 mV per channel. eparation, 30 dB. Compliance, 15x 0-^{6} cm/dyne. Tracks from ¾ to 4 rams. Shpg. wt., 4 oz.
3 C 3992 S. *$5 Monthly*..........39.95

888P Deluxe Conical. Reproduces the entire musical range with amazing preciseness and clarity. Hand-polished 15° .0006″ conical-tip diamond stylus. Response, 10-28,000 Hz. Output, 8.0 mV per channel. Better than 30 dB separation. Compliance, 15x10-^{6} cm/dyne. Tracks from ½ to 4 grams. Shpg. wt., 4 oz.
13 C 3986 S. *$5 Monthly*........ 29.95

888 Conical. Moderately-priced cartridge performs admirably in manual and automatic turntables. Features a 15° .0007″ conical-tip diamond stylus. Response, 12-25,000 Hz. Output, 8.0 mV per channel. Razor-sharp 30 dB stereo channel separation. Compliance, 10x10-^{6} cm/dyne. Tracks from ¾ to 5 grams. Wt., 4 oz.
13 C 3985 S. *$5 Monthly*........24.95

A 888TE
888E
888P
888

B Popular Empire "808" Series Stereo Magnetic Cartridges

08E Elliptical. 15° .0004″ x .0009″ lliptical diamond stylus. Response, 0-25,000 Hz. Output, 8.0 mV per hannel. Separation, 30 dB. Compli-nce, 12x10-^{6} cm/dyne. Tracks from to 4 grams. Wt., 4 oz.
3 C 3969 S. *$5 Monthly*..........29.95

808 Conical. Has .0007″ conical-tip diamond stylus. Response, 15-20,000 Hz. Output, 8.0 mV per channel. Separation, 30 dB Compliance, 8x 10-^{6} cm/dyne. Tracks from 1 to 5 grams. Shpg. wt., 4 oz.
13 C 3982 S. *$5 Monthly*..........19.95

B 808E
808

Superb Empire "VE" Series Stereo Magnetic Cartridges

999VE

888VE

99VE Deluxe Elliptical. Empire's finest! or the perfectionist. Has .0002″ x 007″ diamond stylus. 6-35,000 Hz. utput, 5.0 mV per ch. Comp., 30x 0-^{6} cm/dyne. Sep., 30 dB. Tracks ½ to 1½ grams. 4 oz.
C 3976 S. *$5 Monthly*.........74.95

New 888VE Deluxe Elliptical. Lower priced version of famed 999VE. Has .0002″ x .0007″ diamond stylus. 6-32,000 Hz. Output, 5.0 mV per ch. Comp., 30x10-^{6} cm/dyne. Sep., 30 dB. Tracks ½ to 1¾ grams. 4 oz.
13 C 3977 S. *$5 Monthly*........59.95

SPECIAL-PURCHASE VALUE

$21.95
$5 monthly

888SE Super-Elliptical

Allied special purchase makes this low price possible. Ideal for fine manual and automatic turntables. Has 15° .0003″ x .0007″ elliptical diamond stylus. 6-32,000 Hz. Sep., 30 dB. Comp., 25x10-^{6} cm/dyne. Tracks from ½ to 3 grams. 4 oz.
13 C 3991 S. *$5 Monthly*..... .21.95

ADC, ELAC and SONOTONE Stereo Cartridges

C 10E MKII

D 550E

E 990E
220

F 444E

G 9TAFHC-D77V

C **ADC 10E MKII Elliptical.** ADC's finest cartridge boasts 15° .0003″ x .0007″ diamond stylus. Response, 10-20,000 Hz. Compliance, 35x10-^{6} cm/dyne. Separation, 30 dB. Tracks from ½ to 1½ grams. Shpg. wt., 4 oz.
13 C 3834 S. *$5 Monthly*.........59.50

D **New ADC 550E Elliptical.** Features "induced magnet" for minimum distortion and record wear. 15° .0003″ x .0007″ elliptical diamond stylus. 10-20,000 Hz. Comp., 28x10-^{6} cm/dyne. Sep., 30 dB. Tracks ¾-2½ grams.
13 C 3833 S. 4 oz. *$5 Monthly*.....49.50

E **ADC 990E Elliptical.** Low-price elliptical for automatic and manual turntables. Has 15° .0003″ x .0007″ elliptical diamond stylus. 10-18,000 Hz. 18x10-^{6} cm/dyne. Sep., 20 dB. Tracks 1½-4 grams. 4 oz.
13 C 3840 S. *$5 Monthly*........29.50

E **ADC 220 Conical.** Good quality stereo cartridge features 15° .0007″ conical-tip diamond stylus. Response, 10-18,000 Hz. Compliance, 15x10-^{6} cm/dyne. Separation, 20 dB. Tracks 2-5 grams. 4 oz.
13 C 3967 S. *$5 Monthly*..........19.50

F **New Elac 444E Elliptical.** Professional quality deluxe cartridge has 15° .0002″ x .0009″ diamond stylus. Response, 10-25,000 Hz. Compliance, 25x10-^{6} cm/dyne. Separation, 30 dB. Tracks ½-1½ grams. 4 oz.
13 C 3830 S. *$5 Monthly*..........69.50

G **Sonotone 9TAFHC-D77V Conical.** Ceramic cartridge matches magnetic inputs. Has dual .0007″ diamond styli. 20-20,000 Hz. Compliance, 15x 10-^{6} cm/dyne. Sep., 30 dB. Tracks from 1½-4 grams. 9 oz.
13 C 3823 S..........................14.55

Replacement Needles, Pickup Arms and Preamps

Manufacturer's Exact-Replacement Needles for Stereo Hi-Fi Cartridges

- Made by the Cartridge Manufacturer to Duplicate the Original Needle
- Precision Manufactured to Insure Exact Performance
- Wide Selection to Fit Most Popular Stereo Cartridges

PROTECT YOUR RECORDS WITH THE BEST

Precision replacement needles made by the original cartridge manufacturer, so performance exactly duplicates the original needle. These are exact replacements for exact performance. When you need a replacement needle be sure of top quality by selecting from this list. Selection includes needles from the most popular cartridge manufacturers for their most popular models. "For" column indicates cartridges.

Choose the Exact-Replacement Needle for Your Stereo Cartridge

Stock No.	Mfr.	Needle Type	Size	For	EACH
13 C 3836 S	Shure	VN2E	Ellipt.	V-15	25.00
13 C 3231 S	Shure	VN15E	Ellipt.	V-15 Type II	27.00
13 C 3318 S	Shure	N32E	Ellipt.	M32E	14.50
13 C 3808 S	Shure	N99	.0007″	M99 Series	12.95
13 C 3837 S	Shure	N44-5	.0005″	M44-5	11.00
13 C 3838 S	Shure	N44-7	.0007″	M44-7, M98/A	9.75
13 C 3923 S	Shure	N21-D	.0007″	M7, M3/N21D	11.00
13 C 3839 S	Shure	N55E	Ellipt.	M55E, M80 Series	17.75
13 C 3920 S	Shure	N3D	.0007″	M3D, M7D, M8D	7.95
13 C 3862 S	Shure	N44C	.0007″	M44C	9.00
13 C 3312 S	Shure	N44E	Ellipt.	M44E	17.25
13 C 3828 S	Shure	N91E	Ellipt.	M91E	24.50
13 C 3829 S	Shure	N92E	Ellipt.	M92E	22.50
13 C 3842 S	Shure	N93E	Ellipt.	M93E	19.50
13 C 3850 S	Shure	N75-6	Ellipt.	M75-6	11.35
13 C 3866 S	Pick.	PD07/C	.0007″	P/AC-1	9.15
13 C 3843 S	Pick.	D1500AME-2	Ellipt.	V15/AME-1, 2	19.90
13 C 3305 S	Pick.	D1500AME-3	Ellipt.	V15/AME-3	24.95
13 C 3306 S	Pick.	D1500ATE-3	Ellipt.	V15/ATE-3	22.50
13 C 3308 S	Pick.	D1507AT-3	.0007″	Pick. V15/AT-3, Sony V15/AT-3, KLH HBAT-2B	13.75
13 C 3309 S	Pick.	D1500ATE-2	Ellipt.	V15/ATE-2	17.90
13 C 3863 S	Pick.	D1507AT-2	.0007″	V15/AT-2, –1; Columbia V15/ATM; Fisher "F" and V15/AT-1; KLH V15/AT-1, HAT, HAT-2, and HBAT-2; Scott V15/AT-2; Singer HAT-2 and V15AT-2; Sylvania L-1, V15/AT-1, –2, L2, HAT-2, HSAT-2, ATM	10.95
13 C 3319 S	Pick.	D1500ACE-3	Ellipt.	V15/ACE-3	20.40
13 C 3320 S	Pick.	PD07/T	.0007″	P/AT	9.90
13 C 3959 S	Pick.	D3807C	.0007″	Pick., KLH, Pilot, Fisher 380C	10.90
13 C 3805 S	Pick.	D3807ATG	.0007″	38ATG Series	12.00
13 C 3321 S	Pick.	4500AME	Ellipt.	XV/15AME	26.95
13 C 3322 S	Pick.	4507AM	.0007″	XV15/AM	22.95
13 C 3323 S	Pick.	4500ATE	Ellipt.	XV15/ATE	24.95
13 C 3324 S	Pick.	4507AT	.0007″	XV15/AT	14.95
13 C 3303 S	Pick.	4507AC	.0007″	XV15/AC	12.40
13 C 3334 S	Pick.	D1507AM-2	.0007″	Pick. V15/AM-2, Fisher FG, Scott V15/AM-2	12.25
13 C 3335 S	Pick.	D1507AC-2	.0007″	V15/AC-2, –1; Bogen V15/AC-2; Col. V15/AC-2; Fisher V15/AC-1; Pilot HS/CAC, CAC, V15/AC-1	9.95
13 C 3908 S	Empire	S880P-6RD	.0006″	880P	12.95
13 C 3845 S	Empire	S880PE-ERD	Ellipt.	880PE	18.95
13 C 3906 S	Empire	S880-7RD	.0007″	880	9.95
13 C 3859 S	Empire	S888P-6RD	.0006″	888P	13.95
13 C 3860 S	Empire	S888PE-ERD	Ellipt.	888PE	15.95
13 C 3861 S	Empire	S888-7RD	.0007″	888	10.95
13 C 3232 S	Empire	S888E-ERD	Ellipt.	888E	17.45
13 C 3304 S	Empire	888SE-ERD	Ellipt.	888SE	22.45
13 C 3325 S	Empire	S808E-ERD	Ellipt.	808E	14.95
13 C 3326 S	Empire	S808-7RD	.0007″	808	10.95
13 C 3328 S	Empire	S888TE-ERD	Ellipt.	888TE	24.95
13 C 3806 S	Empire	S888VE-ERD	Ellipt.	888VE	29.95
13 C 3329 S	Empire	S999VE-ERD	Ellipt.	999VE	36.95
13 C 3330 S	ADC	R12-E	Ellipt.	10E, 10E MK II	22.50
13 C 3847 S	ADC	R-4/E	Ellipt.	Point-Four-E	25.00
13 C 3849 S	ADC	R-770	.0007″	770	10.00
13 C 3331 S	ADC	R20	.0007″	220	7.00
13 C 3807 S	ADC	R-5/E	Ellipt.	550E	18.00
13 C 3809 S	ADC	R-9/E	Ellipt.	990E	12.00
13 C 3332 S	Grado	BTR/S	.0007″	BTR	7.50
13 C 3333 S	Grado	BTE/S	Ellipt.	BTE	12.50
13 C 3811 S	Elac	DM444E	Ellipt.	444E	25.00

Stereo Turntable Pickup Arms and Preamplifiers

New Empire Pickup Arm

$\$59^{95}$

$5 monthly

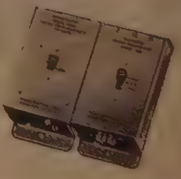
Model 980A. Deluxe 12″ gold-finish stereo arm features superb balance—can actually track upside down! Anti-skate control prevents unequal pressure on stylus. Tracking error, ±0.650. Arm resonance, 6 Hz. Tracking force, 0 to 8 grams. Overhang adjustment. Rich satin-gold finish. Less cartridge. Shpg. wt., 5 lbs.
13 C 2325 X. *$5 Monthly*........59.95

Rek-O-Kut Pickup Arm

$\$34^{95}$

$5 monthly

Model S-320. 12″ stereo pickup arm. Exact lateral balance is assured by specially designed, exclusive Rek-O-Kut "Omni-Balance" feature. Isolated counterweight. Tracks at less than 1 gram. Single-hole mounting. Less cartridge. Shpg. wt., 2½ lbs.
13 C 3020 X. *$5 Monthly*.........34.95
13 C 3024. PS-20L Extra Plug-In Head. Shpg. wt., 6 oz..................5.95



Shure Solid-State Stereo Preamp

$\$27^{50}$

$5 monthly

M61-1. Provides gain and equalization to convert consoles and phonos from crystal or ceramic cartridge to magnetic, true hi-fi stereo cartridge or tape head. Also used as a mike preamp. Permits use of up to 50′ cable. $5\frac{1}{4}$x $2\frac{7}{16}$x$2\frac{5}{16}$″. 110-120 VAC. 2½ lbs.
13 C 3103. *$5 Monthly*..........27.50
13 C 3106. M65. Same, but with vacuum tubes, instead of semiconductors 23.52

See Pages 423-425 for Complete Selection of Hi-Fi Phono Accessories

-pages of Our Own *ALLIED®* Speaker Systems

LLIED Speaker Systems are ade to our specs by leading anufacturers. Each model ust pass the tests of our wn Quality Control Department. You can pay more, but ou'll never get as much value!

GET IMPORTANT ADVANTAGES WHEN YOU CHOOSE ALLIED

Complete Line of Speaker Systems. A full range of prices . . from $9.95 to $149.95 . . a model for every pocketbook.

You Get Extra Quality. Only true hi-fi speakers are used for finest sound. Cabinets have fine furniture veneers.

You Get a Money-back Guarantee. You must be satisfied with your Allied speaker system. See page 450 for information.

Our Finest Allied Hi-Fi Speaker System

ALLIED

llied 2380 Three-Way 15-inch Floor/Shelf Speaker System

With Base $149.95 $8 monthly

- Response from 20 Hz to Beyond Audio Range
- Woofer Has Massive 5¼-Lb. Magnet Structure
- Ultra-Smooth Compression Midrange Horn
- Dome-Radiator Tweeter for Crystal-Clear Highs
- Striking Hand-Sculptured Solid Walnut Moldings

he 2380 is not only our best hi-fi speaker ystem, but there is no other system at this price ith so many fine features. Powerful 15" woofer, ith 5¼-pound magnet structure, reproduces ven the lowest pipe-organ bass frequencies. idrange speaker and dome-radiator tweeter omplement the woofer for a thrilling frequency esponse of 20 Hz to beyond the audio range.

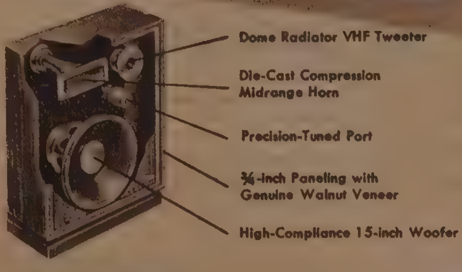
he hand-sculptured solid-walnut moldings, the ush-grooved 3¼-inch base, the richly accented rille cloth, and the fine furniture veneers all ombine to place the Allied 2380 in a special lass of its own. Evidence of careful hand-crafting hroughout will give you pride of ownership for any years to come.

perates equally well vertically on floor base or orizontally on shelf. ¾-inch hardwood contruction throughout eliminates possibility of nwanted resonances. Finished in luxurious handubbed oiled walnut veneer on all four sides. Vith handsome satin-black base for floor use. ize, 30¼x20½x14". Wt., 55 lbs.

0 C 9714 Z. *$8 Monthly.* 149.95

SPECIFICATIONS

verall Frequency Response: 20 Hz to beyond udio range. *Woofer:* 15-inch high compliance; loth-roll suspension; 5¼-lb. magnet structure. ½-inch voice coil. Voice coil excursions of up o 1⅛ inches. Flux density, 6975 gauss. Resoance, 16 Hz. Response of 20-2000 Hz. *Midrange:* ie-cast compression horn; 4-oz. magnet strucure; Flux, 8100 gauss. 1-inch voice coil. Reponse of 2000-10,000 Hz. *Tweeter:* dome radiator; -oz. magnet structure. 1-inch voice coil. Flux 2,200 gauss. Response of 10,000 Hz to beyond udio range. *Crossovers:* 2000 and 10,000 Hz. *apacity:* 50 watts, 100 watts peak. *Imp.:* 8 ohms.



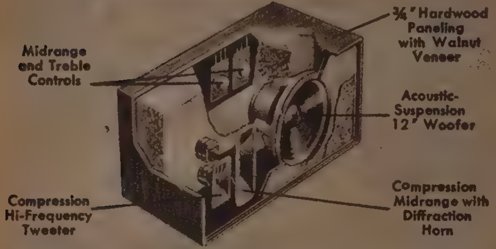
Dome Radiator VHF Tweeter
Die-Cast Compression Midrange Horn
Precision-Tuned Port
¾-inch Paneling with Genuine Walnut Veneer
High-Compliance 15-inch Woofer

NEW Our Best ALLIED Bookcase System

ASSEMBLE THIS KIT AND SAVE $20.00

Kit Form
$99.95
$5 monthly

Assembled
$119.95
$6 monthly



¾" Hardwood Paneling with Walnut Veneer
Midrange and Treble Controls
Acoustic-Suspension 12" Woofer
Compression Midrange with Diffraction Horn
Compression Hi-Frequency Tweeter

SPECIFICATIONS

Overall Frequency Response: 20 Hz to beyond audio range.

Woofer: 12-inch acoustic-suspension, high-compliance with 3½-pound magnet structure. Flux, 6000 gauss. 2-inch, 4-layer voice coil. Frequency response, 20-1000 Hz.

Midrange: compression type with wide-dispersion diffraction horn, 6-oz. magnet structure, 1" voice coil. Flux, 7000 gauss. 1000 to 5000 Hz.

Tweeter: compression type with diffraction horn, 13-oz. Alnico V magnet structure, and 1-inch voice coil. Flux, 9000 gauss. Frequency response, to beyond audio range.

Power Capacity: 35 watts (70 watts peak).

Crossovers: 1000 and 5000 Hz.

Voice Coil Impedance: 8 ohms.

Controls: 2 level—adjust tweeter and midrange.

Overall Size of Enclosure: 14x25x13".

Material: Solid ¾-inch hardwood paneling with walnut veneer.

New ALLIED 2370K Three-Way 12-inch Acoustic-Suspension Bookshelf Speaker System Kit

- Hear Powerful Distortion-Free Bass Down to 20 Hz
- Compression-Type Midrange and Tweeter Diffraction Horns
- Two Level Controls Adjust Tweeter and Midrange Speakers
- Enclosure Is Fiberglas Filled to Prevent Resonance
- Easy to Assemble—All You Need Is a Screwdriver

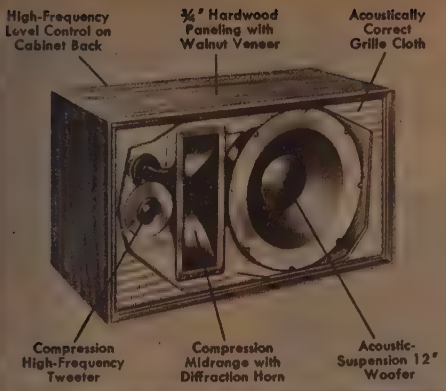
The new Allied 2370K is the finest 3-way 12" acoustic-suspension speaker system kit available at such a modest price. You could spend far more and still not get its deluxe features. The 12" bass speaker, matched to the size and characteristics of the enclosure, reproduces solid undistorted bass down to 20 Hz.

Compression-type midrange with diffraction horn reproduces the mid-frequencies of the orchestra with a realism that will delight the most critical listener. The high-frequency tweeter, a compression-type wide-dispersion diffraction horn, sounds the treble notes of the orchestra with ease and fidelity. It reproduces distortion-free sound past the range of the human ear.

Crossover frequencies at 1000 and 5000 permit each speaker to reproduce only those frequencies for which it is specifically designed, thus eliminating distortion and insuring finest sound. Two level controls for midrange and tweeter permit adjustment to your personal taste. You'll be pleased at the ease with which you can assemble this kit—all you need is a screwdriver. To apply a handsome finish, just rub in the oil (supplied). With all parts, finishing oil, instructions. 14x25x13". Shpg. wt., 50 lbs.

20 C 9729 Z. Kit Form. *$5 Monthly*	**99.95**
20 C 9730 Z. Factory Assembled, Finished.	**119.95**

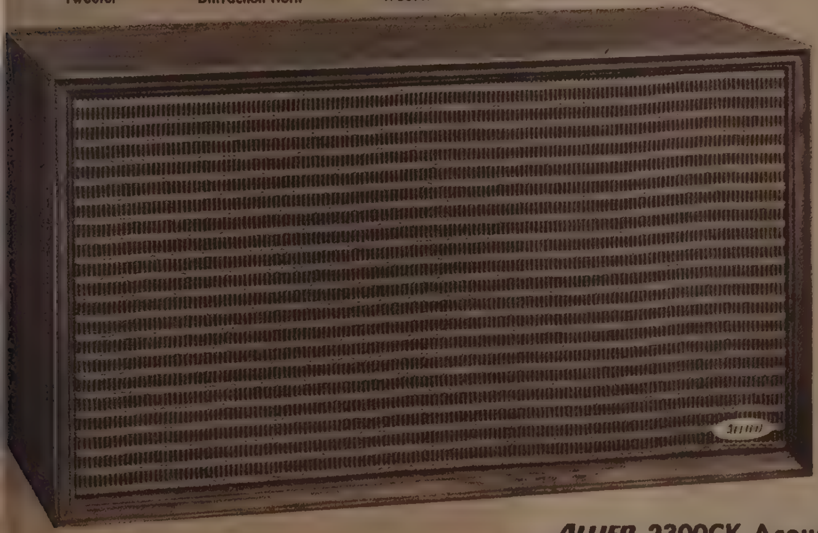
Your Best Speaker Buy Is Always an ALLIED Speaker


High-Frequency Level Control on Cabinet Back
¾" Hardwood Paneling with Walnut Veneer
Acoustically Correct Grille Cloth
Compression High-Frequency Tweeter
Compression Midrange with Diffraction Horn
Acoustic-Suspension 12" Woofer

ALLIED

Acoustic-Suspension Three-Way System

ASSEMBLE THIS TOP-QUALITY KIT AND SAVE $20.00



Kit Form

$79.95

$5 monthly

Assembled

$99.95

$5 monthly

ALLIED 2300CK Acoustic-Suspension Three-Way 12" Speaker System Kit

- Distortion-Free Bass Down to 25 Hz Without Booming
- Compression Tweeter Responds Beyond 20,000 Hz
- Compression Midrange Horn Has Crisp Clean Response
- ¾" Hardwood with Walnut Veneer • Sculptured Molding

Only Allied offers you a 3-way 12" *acoustic-suspension* speaker system kit for such a low price. Everything you need to assemble and finish this beautiful contemporary styled kit is included. Needs no soldering – takes only a screwdriver to assemble. Just rub in oil (supplied) for a fine oiled walnut finish.

12" woofer with 6¾-lb. magnet structure has cloth-roll suspension plus large 2" voice coil for distortion-free bass down to 25 Hz. Handles high-power amplifiers yet performs well with only a 10-watt (IHF) input. Midrange horn gives crisp, clear response. Tweeter has wide-angle dispersion and response beyond 20,000 Hz. L-C crossover at 1000 and 5000 Hz. High-frequency balance control lets you adjust highs for best room acoustics or personal taste. Fiberglass-insulated.

Solid ¾" paneling finished on 4 sides, sculptured walnut molding, contemporary grille cloth. Operates in horizontal or vertical position. 8 ohms. 14x25x13½". With all parts, finishing oil, instructions. 49 lbs.

20 C 9762 U. Kit Form. *$5 Monthly*	79.95
20 C 9761 U. Factory Assembled, Finished	99.95

SPECIFICATIONS

Overall Frequency Response: 25 to over 20,000 Hz.

Woofer: 12-inch acoustic-suspension, high-compliance, cloth-roll with 6¾-pound ceramic magnet structure. Flux, 12,000 gauss. 2-inch voice coil. Response, 25-1000 Hz.

Midrange: compression driver with wide-dispersion Cycolac® diffraction horn and 6-ounce Alnico V magnet structure. Flux, 8500 gauss. ¾-inch voice coil. Response, 1000-5000 Hz.

Tweeter: compression type, ring-radiator with 6-oz. Alnico V magnet structure and ¾-inch voice coil. Response, 5000 Hz to beyond 20,000 Hz.

Crossover Network: electrical crossovers at 1000 and 5000 Hz.

Power Handling Capacity: 30 watts (60 watts peak)

Voice Coil Impedance: 8 ohms.

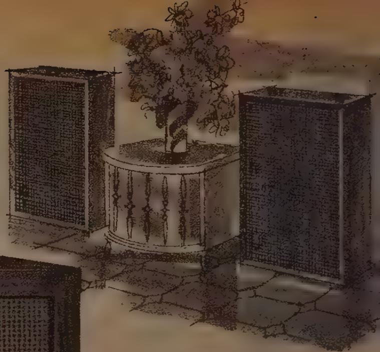
Overall Size: 14x25x13½-inches deep.

Controls: Tweeter balance.

Material: ¾-inch hardwood with walnut veneer.

NEW ALLIED 2260AK
12" Speaker System

ASSEMBLE IT YOURSELF—SAVE $15.00

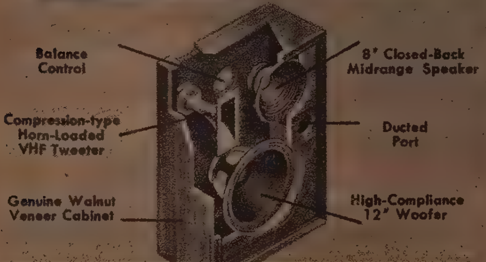


Kit Form

$64.95 $5 monthly

Assembled

$79.95 $5 monthly


Balance Control
Compression-type Horn-Loaded VHF Tweeter
Genuine Walnut Veneer Cabinet
8" Closed-Back Midrange Speaker
Ducted Port
High-Compliance 12" Woofer

SPECIFICATIONS

Overall Frequency Response: 30-20,000 Hz. *Woofer:* 12-inch high-compliance type with massive 2-lb. Alnico V DP magnetic structure. 1" voice coil. Frequency response, 30-600 Hz. *Midrange:* 8" closed-back cone housing with a 10-oz. Alnico V DP magnetic structure. Smooth response ±1½ dB from 600-4000 Hz. *Tweeter:* Compression-type with die-cast horn, ¼-lb. Alnico V magnetic structure, and 9⁄16" voice coil. Frequency response, 4000-20,000 Hz.

Crossover Network: Newly-designed electrical cup core inductor. Crossover at 600 and 4000 Hz. *Power Handling Capacity:* 25 watts (50 watts peak). *Voice Coil Impedance:* 8 ohms. *Controls:* tweeter balance.

Type of Enclosure: reflex with precision-tuned ducted port. *Size of Enclosure:* 17x25x8" deep. *Material:* ¾" hardwood paneling with walnut veneer. *Grille Covering:* acoustically transparent cane grille cloth.

ALLIED 2260AK Contemporary Three-Way 12-inch Hi-Fi Speaker System Kit

- **New, Improved Component Complement for Superb Sound**
- **Smooth Response . . Deep, Rich Bass to Dazzling Highs**
- **Assembles Quickly and Easily with Just a Screwdriver**
- **Walnut Veneer Enclosure Sanded and Ready to Finish**
- **Includes Four Rubber Feet for Vertical Floor Placement**

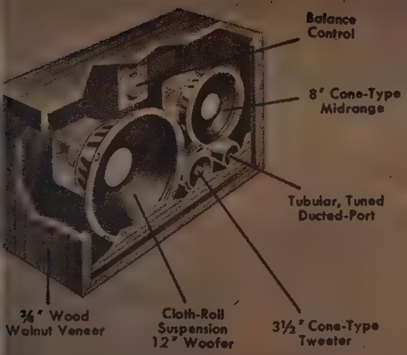
New, improved three-way speaker system delivers clear, full-range sound that rivals many systems costing far more. Assemble it yourself for a $15.00 savings . . . do it quickly and easily in less than two hours with just a screwdriver. Everything you need is included. Cabinet is sanded and ready to finish, just apply oil with a soft cloth.

Big 12" high-compliance woofer delivers rich bass down to 30 Hz. Smooth 8" midrange fills in middle frequencies and compression-type tweeter produces astonishingly sharp highs. Tweeter balance control lets you adjust sound to suit your taste and room acoustics. Electrical crossovers at 600, 4000 Hz.

Reflex-type enclosure boasts acoustic insulation and precision-tuned port to prevent unwanted resonances. Acoustically transparent grille cloth assures unrestricted passage of all audio frequencies. With all hardware, wire, finishing oil, four rubber feet for vertical use, and complete easy-to-follow assembly instructions. 17x25x8". Shpg. wt., 40 lbs.

20 C 9755 U. Kit Form. *$5 Monthly*. **64.95**

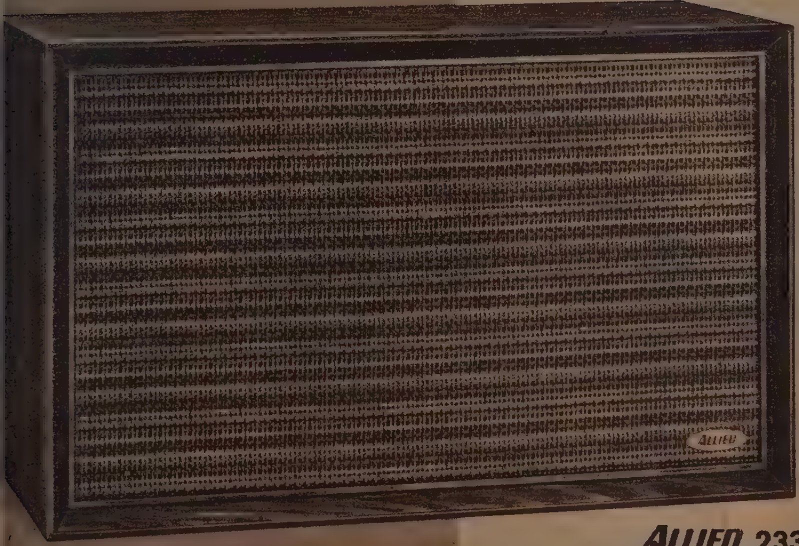
20 C 9756 U. Allied 2260A Factory-Assembled and Finished in Oiled Walnut. 40 lbs. *$5 Monthly*. **79.95**



ALLIED

NEW 2330AK Three-Way 12" Speaker System

ASSEMBLE IT YOURSELF AND SAVE $15.00



Kit Form
$59.95
$5 monthly

Assembled
$74.95
$5 monthly

SPECIFICATIONS

Overall Frequency Response: 30-18,000 Hz. *Woofer:* 12-inch. 2¼-lb. Alnico V magnet structure, cloth-roll suspension. 1½-inch copper voice coil. Frequency response, 30-2000 Hz. *Midrange:* 8-inch cone-type. 4-ounce Alnico V magnet structure. 1-inch voice coil. Response, 2000-5000 Hz. *Tweeter:* 3½-inch cone-type with 6-ounce Alnico V permanent magnet structure. 9/16" voice coil. Response, 5000-18,000 Hz.

Crossover Network: electrical at 2000 and 5000 Hz. *Power Handling Capacity:* 30 watts (60 watts peak). *Voice Coil Impedance:* 8 ohms. *Controls:* tweeter balance.

Type of Enclosure: acoustically-designed with tubular-tuned ducted-port and fiberglass lined interior to prevent resonance. *Size of Enclosure:* 14½x24x10" deep. *Material:* ¾" hardwood paneling with walnut veneer. *Grille Covering:* custom acoustically transparent cane grille cloth.

ALLIED 2330AK Three-Way Speaker System Kit

- 12" High-Compliance Woofer With Cloth-Roll Suspension
- Assembles Quickly and Easily
- Includes Finishing Oil
- Fiberglass Insulation Assures Solid, Resonance-Free Bass

An unbeatable value in a top-performing 12" speaker system at moderate cost. Imagine the thrill of hearing superb hi-fi reproduction from a 3-way speaker system you assembled yourself—at a $15.00 savings! Deluxe walnut enclosure with custom woven grille cloth looks as good as it sounds. System assembles easily in less than an hour with just a Phillips screwdriver.

Three separate, matched speakers provide splendid reproduction of the entire orchestral range. Offers deep, powerful bass from the 12" high-compliance woofer. Quality 8" midrange speaker reproduces the important middle frequencies. 3½" tweeter provides sparkling highs. Tweeter balance control lets you adjust presence to suit the room acoustics.

Fiberglass-lined ¾" hardwood enclosure is pre-sanded and ready for application of finishing oil with soft cloth. With hardware, wire, finishing oil, instructions.

20 C 9709 U. Kit Form. 33 lbs. *$5 Monthly*.........**59.95**

20 C 9720 U. Allied 2330A Factory Assembled and Finished in Oiled Walnut. 33 lbs. *$5 Monthly*...............**74.95**

ALLIED

Lowest Priced 12" System Kit

ALLIED 3030BK 3-Way 12" Speaker System Kit

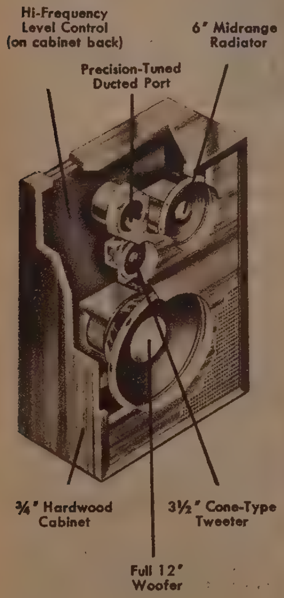
Easy-to-Build Kit Form	Factory Assembled and Finished
$49.95 $5 monthly	$64.95 $5 monthly

You'll enjoy assembling this excellent speaker system as much as you'll enjoy listening to the superb hi-fi music reproduction it provides. Allied's no-compromise craftsmanship brings you luxurious styling and fine performance, *plus* a $15.00 savings by building it yourself. Can be assembled in less than an hour with only a screwdriver. Features ready-to-oil ¾" hardwood enclosure with acoustic insulation, tuned vented port, beautiful sculptured molding and acoustically transparent cane grille cloth that matches walnut finish.

King-size 12" woofer with husky magnet delivers powerful bass response all the way down to 35 Hz. Special-design 3½" direct-radiator tweeter disperses sparkling treble. Includes a rear-mounted level control that lets you adjust the high frequency response to suit the room acoustics and your own listening tastes. Efficient 6" midrange speaker provides smooth, full response through middle frequencies. Built-in electrical crossover network at 400 and 5000 Hz. 14½x24x9". With all parts, finishing oil and instructions. Shpg. wt., 28 lbs.

20 C 9743 U. *$5 Monthly*..49.95

20 C 9745 U. Allied 3030B Factory Assembled and Finished. 28 lbs.... ....**64.95**



SPECIFICATIONS

Frequency Response: 35-17,000 Hz.

Woofer: 12-in. high-compliance, with 1¾-lb. Alnico V magnet structure; 10,200-gauss flux density, 1¼-in. voice coil, 35-400 Hz.

Midrange: 6-inch cone with 12-ounce Alnico V magnet structure; 9400 gauss flux density. ¾-inch voice coil. Response, 400-5000 Hz.

Tweeter: 3½-inch cone-type radiator with 6-ounce Alnico V magnet structure, 8200-gauss flux density. 9/16-inch voice coil. Response, 5000-17,000 Hz.

Crossover: Electrical. 400, 5000 Hz.

Capacity: 30 watts (60 watts peak).

Voice Coil Impedance: 8 ohms.

Cabinet: ¾-inch walnut veneer.

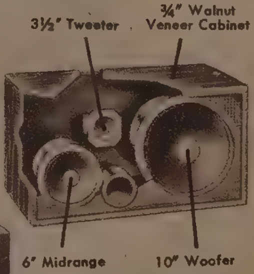
Controls: one high-frequency level.

ALLIED Speaker Systems Offer the Finest in Acoustic Engineering

ow-Cost Assembled Speaker Systems ALLIED

Allied 3005A 10″ Shelf System

$39.95 $5 monthly



ALLIED 3005A 3-Way 10″ Speaker System

ur most popular low-cost hi-fi speaker system features perfectly matched components that blend to over the entire orchestral range. Delivers full-range ound for faithful reproduction, yet is only 8″ deep for asy placement anywhere. Includes a 10″ woofer for eep, resonant bass, smooth 6″ midrange, and 3½″ weeter that delivers pure, brilliant highs.

Tweeter is acoustically isolated to eliminate speaker ineraction and prevent distortion. Ducted port enhances ass response for full, rich lows without "booming" ffect. Beautifully crafted cabinet is sturdy ¾″ wood aneling with handsome oiled walnut veneer; cane rille. 12x22x8″. Shpg. wt., 20½ lbs.
0 C 9737 U. *$5 Monthly*. 39.95

SPECIFICATIONS

requency Response: 40-16,000 Hz. *Woofer:* 10″ with 1¾-b. ceramic magnet structure, 1″ voice coil. *Midrange:* ″ with 12-oz. magnet structure, ¾″ voice coil. *Tweeter:* 3½″ with 6-oz. magnet structure, ⁹⁄₁₆″ voice coil. *Crossovers:* 800 and 5000 Hz. *Capacity:* 20 watts (40 watts eak). *Impedance:* 8 ohms.

ALLIED 2375 Extension Speaker

$9.95

Handsomely styled, moderately priced extension speaker system features front-mounted volume control, 7x5″ oval speaker with ⁹⁄₁₆″ voice coil. Use a pair for surprisingly good stereo sound. Walnut finish with cane grille. Includes 25′ speaker cable with alligator clips attached. 7¼x11½x3½″. Capacity, 12 watts peak. Impedance, 8 ohms. Wt., 3¾ lbs.
20 C 9744 X. 9.95

Our Lowest Priced Hi-Fi Speaker System

$24.95
$5 monthly

ALLIED 3002 2-Way 8″ Speaker System

- Compact Enclosure Only 15″ Wide—Fits Anywhere
- 8″ Woofer Delivers Rich Bass Response Down to 50 Hz
- Direct-Radiator 3½″ Tweeter Produces Clean Highs

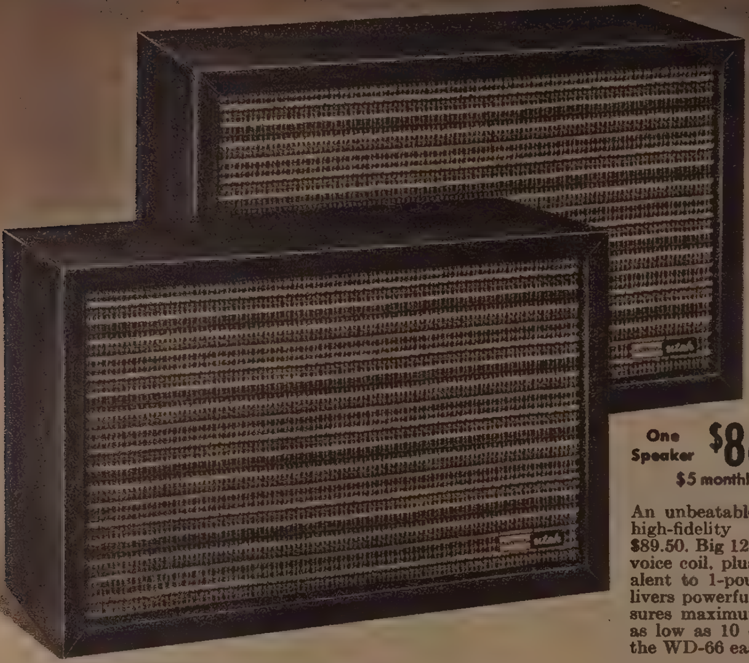
Designed for good high-fidelity sound reproduction at an unbeatable low price. Shelf-size unit features true two-way speaker design with independent low and high frequency speakers for smooth response from 50-15,000 Hz. Perfect in pairs for low-budget high-fidelity stereo systems or for a second system in dens or recreation rooms Also makes an ideal extension speaker system. Big 8″ woofer delivers rich, mellow lows all the way down to 50 Hz. Direct-radiator 3½″ tweeter gives sharp, clean highs. Sturdy ¾″ hardwood cabinet has oiled walnut veneer finish; matching grille cloth 12⅜x15x9″. 16½ lbs.
20 C 9735 X. *$5 Monthly*. 24.95

SPECIFICATIONS

Frequency Response: 50-15,000 Hz. *Woofer:* 8″ with 1.9-lb. magnet structure, 1″ voice coil. *Tweeter:* 3½″ with 5.4-oz. Alnico V magnet structure and ⁹⁄₁₆″ voice coil. *Crossover:* resistor-capacitor type; tweeter takes over at 4000 Hz. *Capacity:* 15 watts, 30 watts peak. *Impedance:* 8 ohms.

se Allied's Credit Fund Plan to Get the Speaker System You Want Now

Special Purchase of UTAH Speaker Systems



Get Two Utah WD-66 Three-Way 12-inch Speaker Systems for

$89⁵⁰ Per Pair

$5 monthly

12-inch Woofer Features Powerful, Heavy-Duty Dual-Diameter Magnet

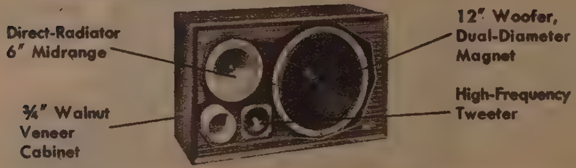
6-inch Direct-Radiator Midrange Speaker, 3½″ Tweeter—Highs to 17,500 Hz.

One Speaker	Two Speakers
$88⁵⁰ $5 monthly	$89⁵⁰ $5 monthly

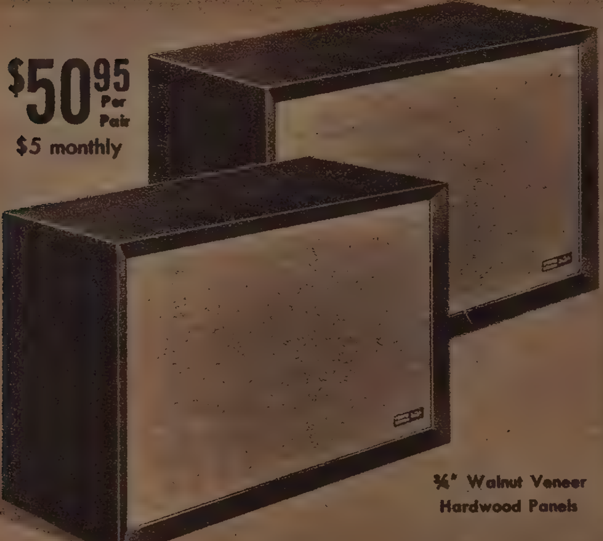
An unbeatable value! Get two of these 12 high-fidelity speaker systems for only $89.50. Big 12″ woofer with long-throw 1½″ voice coil, plus dual-diameter magnet equivalent to 1-pound, 5½-ounce Alnico V. Delivers powerful bass down to 30 Hz, and assures maximum sound per watt. Amplifiers as low as 10 or 12 watts-per-channel drive the WD-66 easily.

Direct-radiator 6″ midrange speaker reproduces clear mid-frequencies. 3½″ square tweeter for crisp treble to 17,500 Hz. Built-in crossovers at 2000 and 5000 Hz for smooth response over entire range.

Ducted-port ¾″ walnut veneer enclosure with fiber-glass lining prevents unwanted resonance. 30 watts (60 watts peak). 8 ohms. 14½x24x9″. 29 lbs. each. *$5 Monthly.*
20 C 7079 U. One Speaker System.....88.50
Two Speaker Systems.................89.50



$50⁹⁵ Per Pair
$5 monthly



Utah AS-2 Acoustic-Suspension Two-Way 8-inch Speaker System

One Speaker	Two Speakers
$49⁹⁵ $5 monthly	$50⁹⁵ $5 monthly

Sensational offer! Now you can buy a *pa* of quality-made acoustic-suspension speake systems for just $50.95. Offers wide frequenc response from a compact cabinet that measures only 11x18x9″. Features 8″ woofer wit four-layer 1″ voice coil that reproduces deep powerful bass down to 40 Hz.

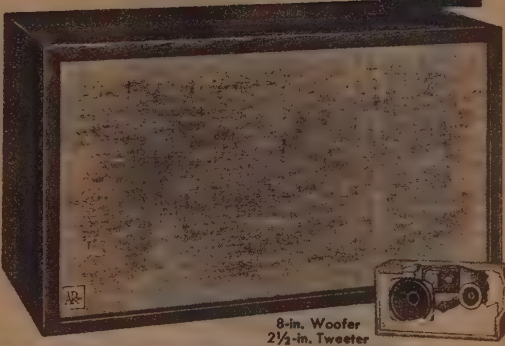
3½″ tweeter with 9/16″ diameter voice coi offers sparkling treble to 18,000 Hz. Crossover at 4500 Hz for best distribution.

¾″ walnut veneer hardwood panels. Capacity: 15 watts, 25 watts peak. Imp: 8 ohms Shpg. wt., 22 lbs. each. *$5 Monthly.*
20 C 7073 U. One Speaker System......49.9
Two Speaker Systems......................50.9

Buy Any Speaker in This Catalog with No Money Down

Acoustic-Research Speaker Systems

AR-4X Two-Way 8″ Bookshelf System


8-in. Woofer
2½-in. Tweeter

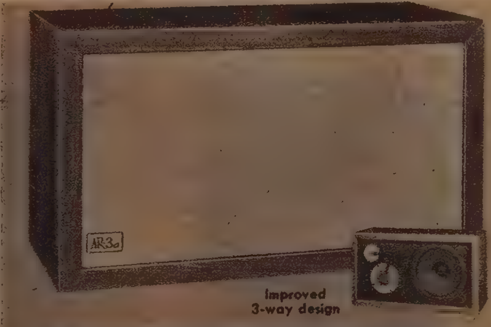
$\$51^{00}$ Ready-to-Finish
5 monthly

- AR's Lowest-Priced Speaker System
- Delivers Wide-Range Natural Sound
- Compact Shelf Size—10x19x9″

e of the finest low-cost speaker systems on the market lay. Famous AR acoustic-suspension design provides re, natural sounding reproduction. Features 8″ woofer at delivers rich bass response that far exceeds what you uld normally get in a unit this size. Specially-designed eeter for smooth treble. Built-in tweeter level control. 0 Hz L-C (electronic) crossover network. Requires plifier rated at least 15 watts per channel. Impedance, 8 ms. 10x19x9″. Wt., 22 lbs.

C 7629 U. Oiled Walnut Finish. *$5 Monthly*........57.00
C 7628 U. Ready-to-Finish Pine. *$5 Monthly*........51.00

Deluxe AR-3A Three-Way 12″ System


Improved 3-way design

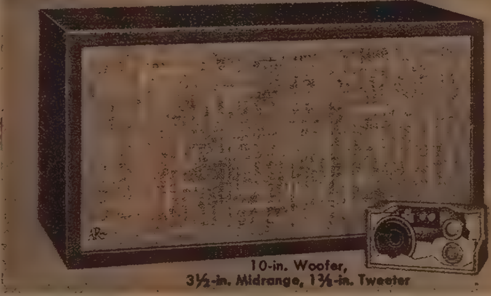
225^{00} Ready-to-Finish
$12 monthly

- Response from 32 to 20,000 Hz
- 12″ Woofer • Dome Midrange
- Two Dome Radiator Tweeters

's newest and finest acoustic-suspension speaker system. refinement of the popular AR-3 with same rich-toned 12″ ofer now cut off electrically at 575 Hz for greater omni-ectional delivery. Dome radiator midrange handles fre-encies from 575 to 5000 Hz. Two dome radiator tweeters, ″ and ¾″. Requires amplifier rated at least 25 watts r channel. 4 ohms. 14x25x11⅜″. 55¾ lbs. Exp.

C 7042 Z. Oiled Walnut. *$13 Monthly*..........250.00
C 7041 Z. Natural Birch. *$12 Monthly*..........240.00
C 7040 Z. Ready-to-Finish Pine. *$12 Monthly*..........225.00
C 8015 X. Oiled Walnut Floor Base. Fits all AR speaker stems, except AR-4X. 11x14½x13″. 3¾ lbs..........7.50

AR-2AX Three-Way 10″ Speaker System


10-in. Woofer,
3½-in. Midrange, 1⅜-in. Tweeter

09^{00} Ready-to-Finish
$6 monthly

- 10″ Woofer with 3¼-lb. Magnet
- Extra-Wide-Dispersion Tweeter
- Response from 42-20,000 Hz

opular system offers excellent performance at moderate st. Incorporates a 10″ acoustic-suspension woofer with -lb. magnet assembly, plus 3½″ midrange speaker and a ″ dome type super-tweeter. Tweeter and midrange level ntrols. L-C crossovers at 2000 and 7500 Hz. 42-20,000 Hz. equires amplifier rated at least 20 watts per channel. 8 ms. 13½x24x11½″. Floor base above. 43 lbs.

C 7046 U. Oiled Walnut. *$7 Monthly*..........128.00
C 7044 U. Natural Birch. *$7 Monthly*..........122.00
C 7047 U. Ready-to-Finish Pine. *$6 Monthly*..........109.00

$\$203^{00}$ Ready-to-Finish
$11 monthly

AR-3 Three-Way 12″ Speaker System

idely acclaimed for its life-like sound. 12″ woofer, 2″ idrange, 1⅜″ tweeter. Level controls. L-C crossovers. equires amplifier rated at least 25 watts/channel. 4 ms. 14x25x11⅜″. Optional base above. Express.

C 7624 Z. Oiled Walnut. 55¾ lbs *$12 Monthly*.225.00
C 7149 Z. Natural Birch. *$11 Monthly*..........216.00
C 7002 Z. Ready-to-Finish Pine. *$11 Monthly*..........203.00

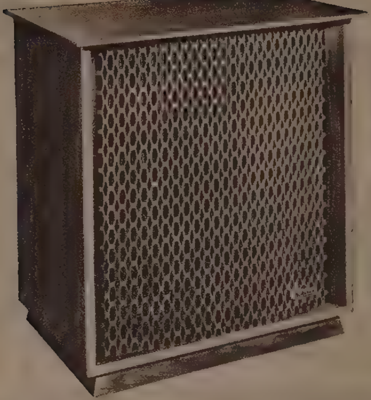
$\$89^{00}$ Ready-to-Finish
$5 monthly

AR-2X Two-Way 10″ Speaker System

Features 10″ acoustic-suspension woofer, and 3½″ tweeter. L-C crossover at 2000 Hz. Tweeter level control. Requires an amplifier rated at least 20 watts per channel. Impedance, 8 ohms. Size, 13½x24x11½″. Optional base above left. Shpg. wt., 38¼ lbs.

20 C 7050 U. Oiled Walnut. *$6 Monthly*..........102.00
20 C 7051 U. Ready-to-Finish Pine. *$5 Monthly*..........89.00

Luxurious Decorator-Styled



System Boasts Same Superb Components as Famous "Voice of the Theatre"

ALTEC-LANSING 846A 15″ System

$299.70
$15 monthly

- Huge 15″ Woofer with 3″ Voice Coil
- Distortion-Free HF Driver and 18″ Horn
- Fretwork Grille
- Walnut Finish

Magnificent floor model speaker system incorporates the same components found in Altec's renowned Voice of the Theatre system, but in an enclosure half the size! Giganti 416A 15″ woofer offers rich, powerful bass response. Precision 806A high frequency driver and 811B sectoral hor deliver smooth midrange and brilliant highs. Full-section dual LC network with 800 Hz crossover completes the precision design. Response: 35-22,000 Hz. Impedances: 8 16 ohms. Capacity: 30 watts. Beautiful hand-finished walnut cabinet with fretwork grille. Size, 29¾x27½x19″ Shpg. wt., 100 lbs.
20 C 7439 Z. *$15 Monthly*. 299.70

20 C 8210 U. A-7. Components—woofer, driver, horn an crossover above, less enclosure. 43 lbs. *$9 Monthly*. .174.1

$269.95
$14 monthly

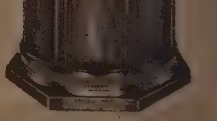
FISHER XP-15B Three-Way 15″ System

Superbly-crafted contemporary floor system has massive 15″ woofer with 12-lb. magnet structure for outstanding bass response down to 28 Hz. Full, clean midrange is supplied by an 8″ midrange speaker. Soft-dome 1½″ tweeter provides thrilling highs to 20,000 Hz. Crossovers at 400 and 2500 Hz. Capacity, 60 watts. Impedance, 8 ohms. Finished in striking oiled walnut. Size, 27x27x14¾″. Shpg. wt., 90 lbs.
20 C 7215 Z. *$14 Monthly*. 269.95

$199.95
$10 monthly

FISHER XP-12 Three-Way 12″ System

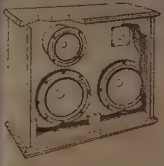
Attractively-styled floor system delivers exceptional high-fidelity reproduction. Has 12″ woofer with 6-lb. magnet structure for full, rich bass. Extremely clean middle frequencies delivered by 8″ midrange with molded rubber surround. Soft dome 1½″ tweeter for crisp highs. Response, 30-20,000 Hz. Crossovers at 400 and 2500 Hz. 8 ohms. Capacity, 50 watts. Oiled walnut finish. Size, 24x22½x13¾″. Shpg. wt., 80 lbs.
20 C 7216 Z. *$10 Monthly*. 199.95



$299.95
$15 monthly

EMPIRE 9000M 3-Way 15 Marble-Top Syste

A masterpiece of acoustic desig this elegant hexagonally styl 3-way floor speaker system has mass-loaded 15″ woofer for dee resonant bass; smooth, direct-rad ator midrange; ultrasonic tweet for startling highs. Delivers e ceptional 20-20,000 Hz respons Capacity, 100 watts. 8 ohm Tweeter level control. Satin wa nut finish; imported marble to 22″ diameter, 29″ high. Shpg. w 123 lbs.
20 C 7270 Z. *$15 Monthly*. 299.9



Four-Speaker System Featuring Two 12″ Woofers

NEW! ELECTRO-VOICE E-V SIX-A Four-Speaker 3-Way System

$238.50
$12 monthly

- Two 12″ Woofers for Extra-Powerful Bass
- 8″ Midrange Speaker for Life-Like Presence
- Pure Highs from Specially-Treated Dome Tweete

Finest sound plus luxurious furniture styling. Twin 12″ woofer with foam surrounds for long, linear cone excursion. Cone are is 25% greater than with a single 15″ woofer. The result i clean, deep bass without boom. 8″ viscous-damped midrange Dome tweeter spreads highs throughout the room. LC crossove blends performance of all speakers perfectly. Two balance controls. 20 Hz to beyond audibility. 80 watts peak. 8 ohms. Oilec walnut veneer. 28x29x15″. Shpg. wt., 102 lbs.
20 C 7231 Z. *$12 Monthly*. 238.5

Get the Floor Speaker System You Want with Your Allied Credit Fund

Hi-Fi Floor Speaker Systems

WHARFEDALE W70D Four-Way 12½″ Floor System

$169.95

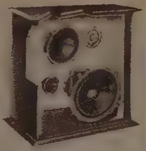
$9 monthly

- 12½″ Woofer with 9½-lb. Magnet
- Exclusive Sand-Filled Construction
- Luxurious Hardwood Cabinet

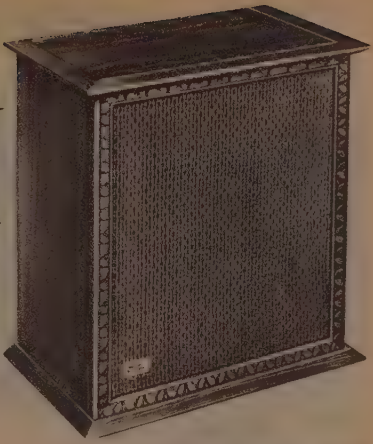
eluxe floor system offers superlative performance. Unique nstruction features white sand packed between layers of rdwood to create inert panels which prevent cabinet bration. 12½″woofer with massive 9½-lb. magnet for underous bass. An 8″ speaker serves as passive radiator r upper bass and energized driver for lower midrange. pper midrange 5″ speaker. Omnidirectional, Mylar-omed tweeter for pure, wide-angle treble.

ystem boasts exceptionally smooth response from 25-0,000 Hz. Capacity, 40 watts. Impedance, 4-8 ohms. eautifully crafted hardwood enclosure with oiled walnut nish and deluxe moldings. Size, 24x20⅞x12⅜″. Shpg. t., 74 lbs. Shipped express.

C 7414 Z. *$9 Monthly*......................169.95



Sand-filled Construction ..Inert Cabinet Prevents Bass Distortion



WHARFEDALE W90D Six-Speaker 12½″ System

269.95

4 monthly

Vharfedale's finest system. Two 2½″ woofers, each with 9½-lb. nagnet, which divide range for nagnificent bass; two 5″ mid-anges; two omnidirectional tweet-rs. Sand-filled cabinet. Response, 0 Hz to beyond audibility. 50 vatts. 4-8 ohms. Oiled walnut. hpg. wt., 100 lbs. Optional 4-leg ase, below.

0 C 7416 Z. *$14 Monthly*.269.95

0 C 7590 X. Base. 1¾ lbs.......8.93

NEW

JENSEN 700-XLW Four-Way 12″ System

$247.50

$13 monthly

New four-way speaker system puts uncompromising sound reproduction in a smart, contemporary cabinet. 12″ Flexair woofer with 3.6-lb. magnet, horn-loaded midrange, super-tweeter and ultra-tweeter. Mid- and high-frequency balance controls. 20-20,000 Hz. 8 ohms. 40 watts. Walnut. 16¼x25½x12″. 60 lbs.

20 C 8364 U. *$13 Monthly*.247.50

20 C 8368 X. Stand. 3¾ lbs...17.96

UNIVERSITY Mediterranean 3-Way 12″ System

$242.55

$13 monthly

Elegant, Mediterranean-style enclosure combines decorator-design with superb performance. High-compliance 12″ woofer, 8″ direct-radiator midrange, and reciprocating flare-horn tweeter combine to produce thrilling hi-fi from 20 Hz to beyond audibility. 50 watts. 8 ohms. Grained antique butternut, pumice-brown finish. 22½x24⅜″ dia. Shpg. wt., 75 lbs.

20 C 7122 Z. *$13 Monthly*.242.55

MPIRE 7000M Three-Way System

NEW

209.95

11 monthly

- Marble Top Cabinet
- Floating 12″ Woofer

uxurious pedestal-styled hree-way system. Mass-loaded 2″ floating-suspension woofer, irect radiator midrange, ultra-onic dome tweeter. 25-20,000 Iz. 75 watts. 8 ohms. Satin alnut finish cabinet with mar-le top. 19″ dia., 27½″ high. hpg. wt., 90 lbs.

0 C 7297 Z..........209.95

Iodel 5000M. Two-way. 12″ oofer, midrange/tweeter.

0 C 7296 Z. 85 lbs......179.95

EMPIRE 3000M Three-Way 10″ System

NEW

$149.95

$8 monthly

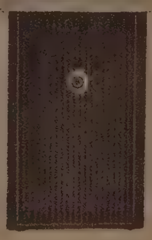
- Pedestal Styling
- Deluxe Marble Top

Handsome three-way system with 10″ high compliance woofer, direct-radiator midrange, and super tweeter. 30-20,000 Hz. 60 watts. 8 ohms. Satin walnut cabinet with imported marble top. 11⅞x11⅞x21¼″ h. Shpg. wt., 49 lbs.

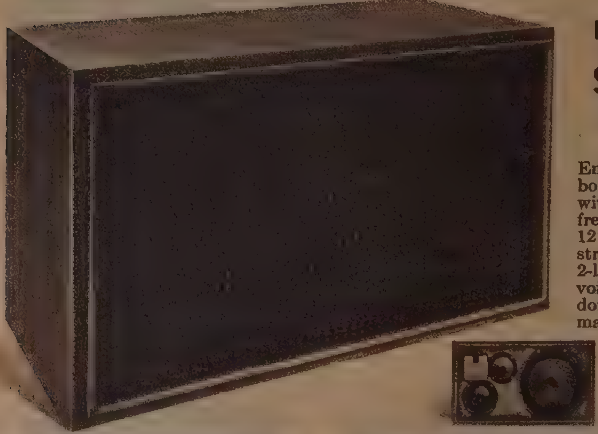
20 C 7295 U..........149.95

Model 2000M. Two-way. 10″ woofer, midrange/tweeter. 35-18,000 Hz. 17¼″ h.

20 C 7389 U. 44 lbs......109.95



Deluxe Hi-Fi Bookshelf Speaker Systems .



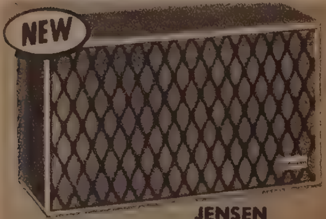
FISHER XP-9B Four-Way 12″ Systen

$\$179^{95}$

$9 monthly

- Clean and Solid Bass Sound
- 28 to 22,000 Hz Response
- 3-Position Treble Balance Cont
- 4-Way LC-Type Crossover

Enjoy big-speaker-system sound from this 4-w
bookshelf-size speaker system. Offers full respor
with crystal-clear highs; smooth, transparent m
frequencies; and clean, crisp bass. System includ
12″ woofer with 2″ voice coil and 6-lb. magr
structure; 6″ lower-midrange with 1″ voice coil a
2-lb. magnet structure; 5″ upper-midrange with
voice coil and 1-lb. magnet structure; plus 1½″ so
dome treble speaker with 1½″ voice coil and 3-
magnet structure. Four-way LC network with a
core coils. Treble balance control adjusts t
texture of upper frequencies to perfection. F
sponse: 28-22,000 Hz. Capacity: 10-60 watts.
ohms. Walnut finish. 14x24½x12″.
20 C 7312 Z. Wt., 60 lbs. *$9 Monthly*.... 179.



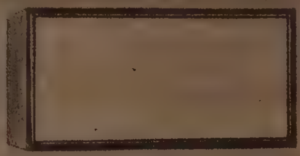
JENSEN

PR-200A Three-Way 12″ System

$\$170^{10}$

$9 monthly

Features 12″ Flexair® woofer, Aspheric Sono-Dome® midrange and ultra-tweeter. Engineered for perfect blending of speakers. Crossovers at 2000 and 9000 Hz separate treble, midrange, bass. Two balance controls. 25-20,000 Hz. 35 watts. 8 ohms.
20 C 8361 U. 43½ lbs. 170.10



SCOTT

S-11 Three-Way 12″ System

$\$149^{95}$

$8 monthly

Controlled-impedance air-suspension system designed especially for solid-state equipment. 12″ woofer, 4¼″ midrange, 3″ tweeter. Capacity, 55 watts. Requires 10 watts minimum. Tweeter-midrange control. 30-20,000 Hz. 8 ohms. Oiled walnut. 14x24x11¼″.
20 C 7368 U. 40 lbs........149.95

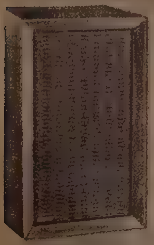
UNIVERSITY

"Senior III" 12″ System

$\$130^{50}$

$7 monthly

New bookshelf speaker system
fers exceptional sound reprod
tion. 12″ ultra-linear woofer,
midrange. Sphericon super-twe
er. Midrange, tweeter contr
Crossovers at 600 and 4000
23-40,000 Hz. 40 watts. 8 oh
Walnut. 15¾x23½x12¼″.
20 C 7105 U. 40 lbs....... 130.



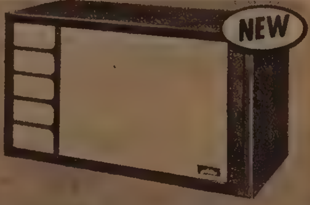
UNIVERSITY

"Estoril" 4-Way 12″ Decorator System

$\$148^{05}$

$8 monthly

Spanish Mediterranean decor. Diffaxial system with 12″ woofer, multi-element midrange section and tweeter. 12″ bass energizer. Frequency response, 24-40,000 Hz. Brilliance control. Capacity, 40 watts. 8-16 ohms. Oiled walnut. 27x16x14$\frac{1}{16}$″. 45 lbs.
20 C 7102 U. *$8 Monthly*.. 148.05



ALTEC

892A Two-Way 10″ System

$\$134^{96}$

$7 monthly

Combines wideband response with extremely low distortion, wide angular distribution. Infinite-baffle enclosure. Big 10″ low-frequency woofer; compression-driver exponential aluminum horn. 45-18,000 Hz. 8 ohms. 50 watts. 13x11¾x23¾″. Oiled walnut.
20 C 7448 U. Wt., 39 lbs.. 134.96

FISHER

XP-7 Three-W 12″ System

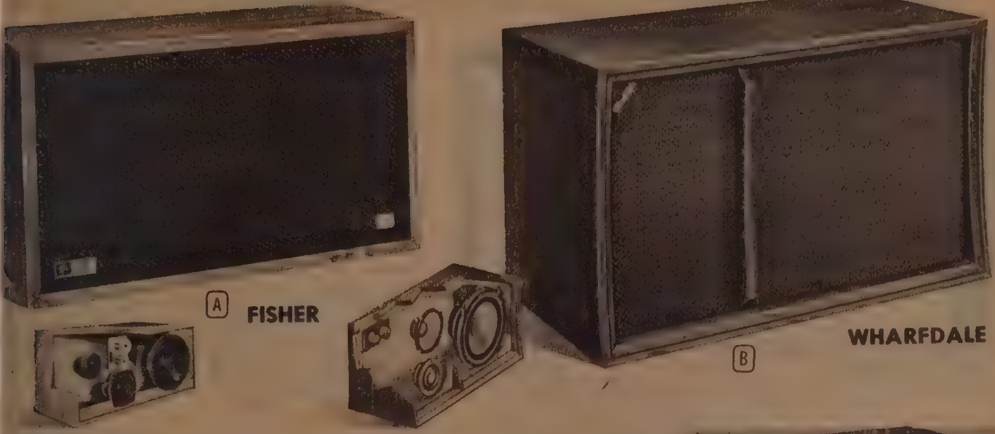
$\$139^{95}$

$7 monthly

Four matched speakers for exc
tional performance. 12″ free-pist
high-compliance woofer, 5½-
magnet; two 5″ midranges; s
dome tweeter. LC crossovers
300, 2500 Hz. 30-20,000 Hz.
watts (10 watts minimum). 8 oh
Walnut. 24½x14x12″.
20 C 7305 U. 47 lbs....... 139.

Allied Stocks A Complete Line of Major Brand Speaker Systen

Best Selling Models by Leading Manufacturers



XP-66 Three-Way 12" System

109⁹⁵
$6 monthly

- Free-Piston Woofer
- 5-lb. Magnet Structure
- Isolated 6" Midrange

isher excellence is designed into this -way bookshelf system. Free-piston igh-compliance 12" woofer with 5-lb. nagnet structure delivers natural, uncolored bass down to 30 Hz. You hear ven the deepest organ notes with lifeke clarity.

solated 6" midrange speaker assures learly defined tones from 400 to 1000 Hz. Wide-dispersion cone tweeter chieves excellent transient response o 19,000 Hz—offers crisp, clear highs without shrillness.

ower capacity, 60 watts. Impedance, 3 ohms. Attractive, hand-rubbed oiled walnut finish. 14x24½x12".
20 C 7174 U. Wt., 40 lbs. 109.95

B W-60D 12½" 3-Way System

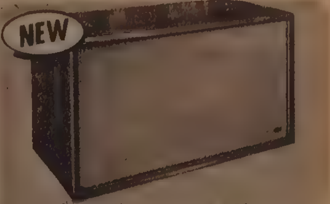
$124⁹⁵
$7 monthly

- 9½-lb. Magnet
- Sand-Filled Cabinet
- Acoustic Suspension

The audio connoisseur will be delighted with this latest version of the exclusive sand-filled Achromatic design. Employs the same exceptionally powerful 12½" woofer with massive 9½-lb. magnet assembly found in Wharfdale's larger models.

Acoustically-isolated 5" cone with cloth suspension and low mass aluminum voice coil for clear, smooth midrange. Omnidirectional domed super tweeter for distortion-free treble.

Midrange, treble controls. Walnut cabinet, 14¼x24x13". Operates vertically, horizontally. 30-20,000 Hz. 40 watts. 4-8 ohms.
20 C 7413 Z. 56 lbs. 124.95

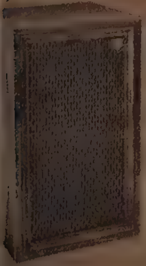


UTAH

$99⁹⁵
$5 monthly

A-100 Three-Way 12" System

New model with acoustic suspension design. Boasts 12" woofer for full bass down to 28 Hz. Oval midrange horn; high-efficiency tweeter for highs up to 19,500 Hz. Crossovers at 2200 and 4500 Hz. 36-watts peak. 8 ohms. Oiled walnut enclosure, 14x23x10".
20 C 7055 U. Wt., 35 lbs. . . . 99.95



ADC "400" Three-Way Acoustic Suspension 10" System

$139⁵⁰
$7 monthly

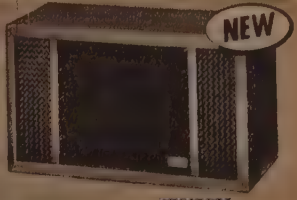
New system utilizes three specially-designed drivers for smooth, highly-sensitive response of 30-20,000 Hz. 10" low-frequency driver; 6" high-compliance midrange driver; high-flux mylar dome tweeter. Removable grille. 60 watts. 8 ohms. Size, 25x14½x11⅞".
20 C 7220 U. Wt., 48 lbs. . . 139.50

UNIVERSITY

$98⁵⁵
$5 monthly

"Laredo" 4-Way 12" System

Four-way speaker system offers dramatic Moorish styling. Includes 12" woofer, 8" two-way midrange, high-frequency tweeter. Response, 30-30,000 Hz. Brilliance control adjusts highs. Capacity, 40 watts. 8 ohms. Walnut. 24x15¾x12 9/16". Shpg. wt., 38 lbs.
20 C 7103 U. *$5 Monthly* . . . 98.55



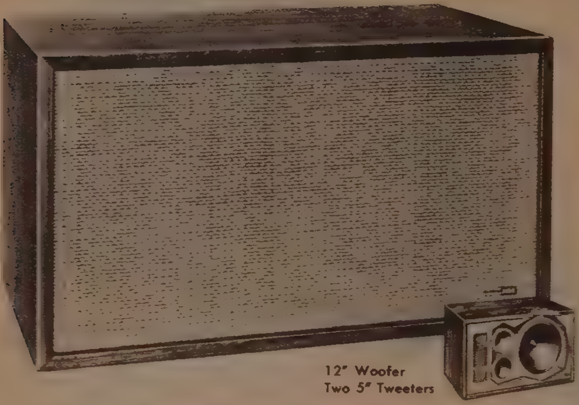
JENSEN

$109⁸⁰
$6 monthly

TF-3BW 4-Speaker 3-Way 10" System

New shelf system includes 10" Flexair® woofer, 1¼-lb. Syntox-6® magnet; two 3½" midranges; Sono-Dome® ultra-tweeter. 25-20,000 Hz. 25 watts. 8 ohms. Walnut. 13½x23¾x11⅝".
20 C 8362 U. Wt., 40 lbs. . . 109.80
20 C 8363 U. Above. Ready-to-finish, and without fretwork . . . 98.10

Values in Major Brand Shelf Speaker Systems



SPECIAL PURCHASE! UTAH

Three-Speaker 12" Shelf System

$49⁵⁰
$5 monthly

- Two-Way, Three-Speaker System
- 12" Woofer, Two 5" Tweeters
- Response from 30-18,500 Hz
- Oiled Walnut Veneer Finish

Allied's buying power makes it possible to bring you this deluxe two-way, three-speaker system at a special low price. Take advantage of this great value to complete your stereo system. The H81-B is designed to reproduce musical passages with the brilliance and clarity of the original performance. Features 12" woofer with dual-diameter magnet equivalent to 21.5-oz. Alnico V magnet, and 1½" voice coil; two 5" tweeters; plus built-in crossover network. Sturdy ¾" enclosure is finished in beautiful oiled walnut veneer. Has matching grille cloth. 30-18,500 Hz. 8 ohms. 40 watts, 80 watts peak. 15x25¾x14". Shpg. wt., 46 lbs.
20 C 7072 U. *$5 Monthly*....................49.50

NEW

FISHER

XP-60 Two-Way 10" Speaker System

$79⁹⁵
$5 monthly

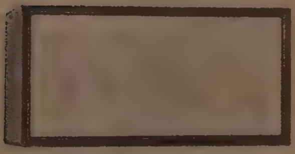
Designed by Fisher for those who want a deluxe high-compliance, high-efficiency system. Gives uniform dispersion at all frequencies. Features 10-inch free-piston woofer with 4-lb. magnet structure and 1¼" voice coil for excellent bass response. Specially-designed 2½" treble speaker provides pure highs and clear midrange. *Frequency Response:* 35-20,000 Hz. *Impedance:* 8 ohms. *Capacity:* 40 watts (10 watts minimum). Crossover at 1000 Hz. Sturdy enclosure with beautiful walnut finish. Matching grille cloth. Size, 13x23x10½". Shpg. wt., 30 lbs.
20 C 7212 U. *$5 Monthly*....................79.95

WHARFEDALE

$89⁹⁵
$5 monthly

W-40D Three-Way 10" Speaker System

Three-way system offers fine sound. High-compliance 10" woofer with low cone resonance, acoustically isolated 5" midrange, omnidirectional dome tweeter. Two controls. 35-20,000 Hz. 35 watts. 4-8 ohms. Walnut. 12¼x23½x10⅛". England. Shpg. wt., 37 lbs.
20 C 7412 U. *$5 Monthly*.....89.95



SCOTT

$79⁹⁵
$5 monthly

S-10 Air-Suspension 10" Speaker System

Exceptionally fine air-suspension system. Powerful 10" woofer, 3½" midrange/tweeter. Built-in level control. *Response:* 35-18,000 Hz. *Capacity:* 7 watts minimum, 50 watts maximum. *Impedance:* 8 ohms. Hand-rubbed oiled walnut finish. Changeable grille cloth. 11¾x23¼x9". 28 lbs.
20 C 7367 U. *$5 Monthly*.....79.95

ARGOS

$79⁹⁵
$5 monthly

TX-4 Three-Way 12" Speaker System

Handsome bookshelf system containing three fine speakers for sparkling performance from 35-17,000 Hz. Jensen 12" woofer offers powerful bass. Solid-back 8" midrange recreates mid-tones. Direct-radiator 3½" tweeter. 40 watts. 8 ohms. Walnut. Vertical or horizontal use. 11¾x25x9".
20 C 7280 U. Wt., 29 lbs.....79.95

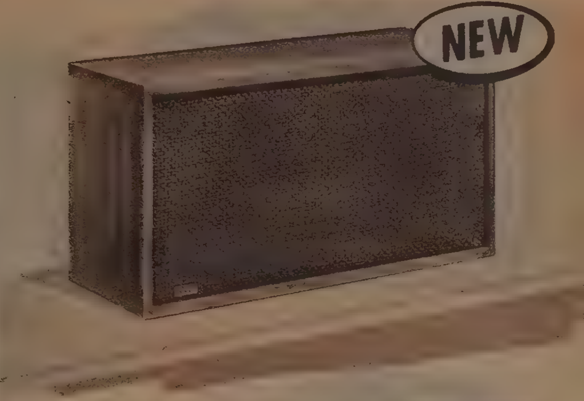
UTAH

$79⁹⁵
$5 monthly

A-80 Acoustic-Suspension System

Three-way system has 10" acoustic-suspension woofer for deep, natural bass. 6" midrange, 3½" tweeter. 34-17,000 Hz. 16 watts, 32 watts peak. 8 ohms. Walnut. 12x23x8".
20 C 7054 U. Wt., 28 lbs.......79.95
20 C 7053 U. A-90. 12" acoustic-suspension woofer, 8" midrange, 3½" tweeter. 28-18,000 Hz. 18 watts. 14x23x10". 33 lbs.....89.95

Bookshelf Speaker Systems at Popular Prices



FISHER

XP-55B Two-Way 8" Speaker System

$\$49^{95}$

$5 monthly

- 8" Woofer in Unique New Suspension System.
- 3" Treble Speaker
- Response of 37-20,000 Hz

›okshelf size, yet delivers impressive wide-range
und. Features 8" woofer with 2-lb. magnet struc-
re, in a newly-designed suspension system using
long-throw half-roll surround. The 3" treble
eaker has a low-mass cone for peak-free response
20,000 Hz, without coloration. The completely
closed baffle is heavily damped with Acoustiglas
cking, resulting in fundamental bass response
wn to 37 Hz, without doubling. *Response:* 37-
,000 Hz. *Impedance:* 8 ohms. *Recommended Ampli-*
r Power: 10 to 30 watts. Sturdy enclosure with
autiful walnut finish. Size, 10x20x7½". Shpg. wt.,
lbs.
C 7214 U. *$5 Monthly*....................49.95

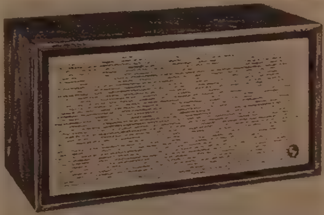
$\$54^{95}$

$5 monthly

WHARFEDALE

W-30D Two-Way 8" Speaker System

eavy-duty high-compliance 8"
oofer. Omnidirectional 3" pres-
ıre-dome tweeter disperses highs
ıiformly. Variable tweeter con-
ol. 40-18,500 Hz. Floating grille
ops buzz. Capacity. 35 watts. 4-8
ıms. Walnut finish. 10x19x9¼".
ngland. 20 lbs.
C 7411 U. *$5 Monthly*.....54.95



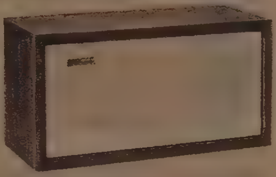
$\$59^{85}$

$5 monthly

ELECTRO-VOICE

E-V-7A Two-Way 8" Speaker System

Compact speaker system is only 10x19x9". Special 8" woofer reproduces lowest frequencies without distortion. 3½" tweeter provides impressive highs. Tweeter control for adjusting high end of audio spectrum. 40-20,000 Hz. 8 ohms. 25 watts. Walnut. Wt., 19 lbs.
20 C 7188 U. *$5 Monthly*.....59.85



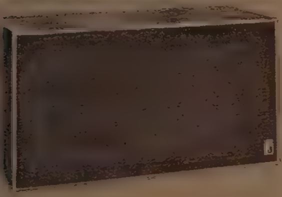
$\$69^{21}$

$5 monthly

UNIVERSITY

Ultra-D Three-Way 10" Speaker System

Ultra-linear 10" woofer for excellent bass reproduction. 4" midrange speaker with special curvilinear cone, cone tweeter, aluminum voice coil. Brilliance/presence control. 30 Hz to beyond audibility. 32 watts. 8-16 ohms. Walnut. 11⅞x23^{13}/$_{16}$x9¾". 24 lbs.
20 C 7121 U. *$5 Monthly*.....69.21



$\$66^{00}$

$5 monthly

JENSEN

X-45 Two-Way 8" Speaker System

xcellent for compact central
ereo, or remote extensions. Has
' Flexair woofer, and compression
iven horn-loaded tweeter. *Re-*
ponse: 30-18,000 Hz. 2000 Hz
ossover. *Capacity:* 25 watts. 8
ıms. Balance control. Size, 10½x
½x9". Beautiful oiled walnut
ıish. Shpg. wt., 24½ lbs.
C 7081 U. *$5 Monthly*.....66.00

$\$59^{95}$

$5 monthly

UTAH

A-60 Acoustic-Suspension System

Two-way system features 8" acoustic-suspension woofer that delivers deep, natural bass without boominess. A 3½" tweeter produces crisp high tones. *Response:* 38-17,000 Hz. *Power Capacity:* 12 watts program, 25 watts peak. 8 ohms. Oiled walnut finish. 11¾x19x8½". Shpg. wt., 19 lbs.
20 C 7056 U. *$5 Monthly*.....59.95

$\$39^{95}$

$5 monthly

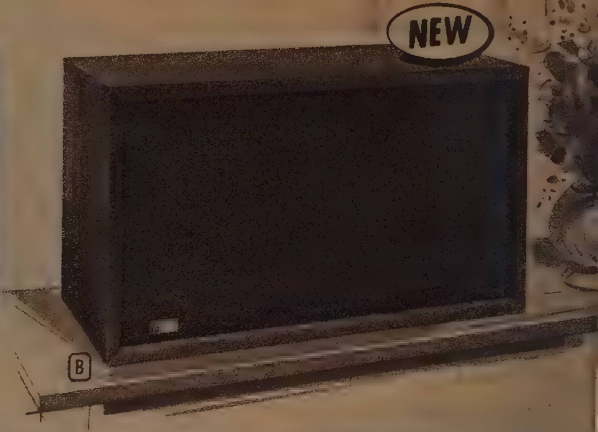
UTAH

SH8W Three-Way 8" Speaker System

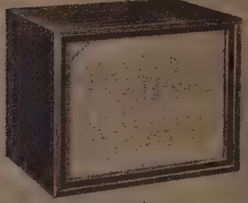
Fine Utah speaker system delivers superb full-range, distortion-free sound reproduction. Has 8" woofer/midrange coaxial speaker and 3½" tweeter. 40-17,000 Hz. *Capacity:* 25 watts peak. *Impedance:* 8 ohms. Finished in beautiful hand-rubbed oiled walnut veneer. Size, 11¾x19x8½". Shpg. wt., 19 lbs.
20 C 7078 U. *$5 Monthly*.....39.95

Low-Cost Compact Bookshelf Speaker Systems

A



B



$\$44^{95}$

$5 monthly

WHARFEDALE W-20D Two-Way 8″ System

Achromatic acoustic-suspension in a compact speaker system. Has high-compliance 8″ woofer and pressure dome 3″ tweeter. Variable control for maximum tonal adjustment. Requires 10 watts minimum. 4-8 ohms. Size, 9¾x14x8½″. Handsome oiled walnut finish. Shpg. wt., 14 lbs.
20 C 7417 X. *$5 Monthly*. 44.95

A ADC 404 Compact Two-Way 6″ Speaker System

$\$49^{95}$

$5 monthly

- Compliant 6″ Woofer
- Response Low as 45 Hz
- 1½″ Dome Tweeter
- Air-Suspension System

This compact speaker system, not much larger than a few books, is just right for moderately-priced stereo music systems. Offers pleasing, well-balanced, wide-range sound.

High-compliance 6″ woofer provides realistic low frequencies. 1½″ dome tweeter gives clear highs. Sealed enclosure is filled with sound-absorbing material, causing it to function as an air suspension system.

Response: 45 Hz to beyond audio range. *Capacity:* 10 to 60 watts. *Impedance:* 8 ohms. Walnut finish. Size, 7⅞x11⅞x8¼″. Shpg. wt., 11 lbs.
20 C 7240 X. *$5 Monthly*. 49.95

B FISHER XP-44 Two-Way 6″ Speaker System

$\$44^{50}$

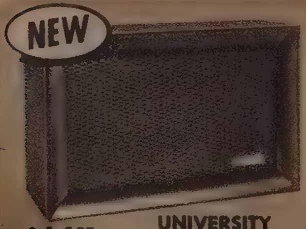
$5 monthly

- High-Compliance
- Smooth Bass Respon
- 2½″ Treble Speaker
- 39-19,000 Hz

Designed especially for high-fidelity enthusiasts who demand the quality performance of a large speaker system but in an enclosure far smaller in size and at a budget price.

Specially-designed 6″ woofer wit heavy 2-lb. magnet structure and voice coil reproduces frequencies dow to 39 Hz without distortion. Treb speaker with 2½″ cone provides pur sparkling highs.

Response: 39-19,000 Hz. *Recommend Amplifier Power:* 10-25 watts. *Impedance:* 8 ohms. Walnut finish. 8¼ 15¼x6½″. Shpg. wt., 15 lbs.
20 C 7213 X. *$5 Monthly*. 44.5

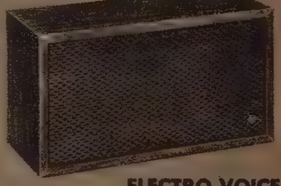


$\$44^{55}$

$5 monthly

UNIVERSITY Miniflex 3 2-Way 6½″ System

Enjoy excellent full-range sound with this new compact bookshelf system. Features 6½″ long-throw woofer for full-toned bass, and 3½″ solid-back tweeter that delivers highs with thrilling clarity. *Response:* 40 Hz to beyond audibility. *Capacity:* 20 watts. *Impedance:* 8 ohms. Beautiful oiled walnut finish. 9½x15x6″. Shpg. wt., 12 lbs.
20 C 7113 X. *$5 Monthly*. 44.55

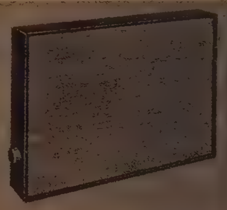


$\$31^{50}$

$5 monthly

ELECTRO-VOICE EV-Eleven Two-Way 6″ System

Fine-sounding two-way system economizes on space and budget. Enclosure resonance tuned to special 6″ two-way speaker. Two coaxial cones, operating from a single voice coil, divide the audio spectrum. *Capacity:* 25 watts peak. *Impedance:* 8 ohms. Walnut veneer has vinyl coat for lasting beauty. 8¼x15¼x6½″. 12 lbs.
20 C 7185 X. *$5 Monthly*. 31.50



$\$24^{95}$

$5 monthly

UTAH PT4C Two-Wa 8″ System

Use it on the floor, stand it on shelf, or hang it like a pictu Built-in keyhole slots. Features 8″ woofer, and a 3½″ tweet Built-in volume control. *Capacit* 8 watts peak. *Impedance:* 8 ohn Oiled walnut veneer. 12x18x3 Shpg. wt., 7 lbs.
20 C 7077 X. *$5 Monthly*. . . . .24.
PT2B. Above, except 3x5″ tweet
20 C 7066 X. Wt., 6 lbs. . . . . . .17.

Extra-Value Hi-Fi Speakers by ALLIED

hy Choose ALLIED Speakers?

afted to True Hi-Fi Standards
perior Performance at Lower Prices
—Compare Other Major Brands
arantee of Satisfaction—Pg. 450.

Latest Improvements

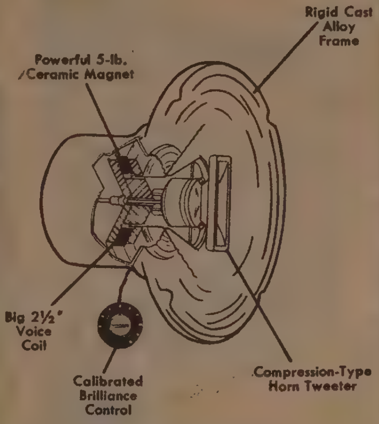
The very latest engineering improvements, for the finest in sound reproduction, are constantly being incorporated into every Allied high-fidelity speaker.

Designed Especially for You

Allied speakers are designed to meet your requirements no matter how critical. There is a speaker engineered for every application, at a price you can afford.

Giant 5-Pound
eramic Magnet

THESE FEATURES GIVE YOU DISTINCTLY SUPERIOR HI-FI


Rigid Cast Alloy Frame
Powerful 5-lb. Ceramic Magnet
Big 2½" Voice Coil
Calibrated Brilliance Control
Compression-Type Horn Tweeter

$74.95

$5 monthly

ur Finest ALLIED® Speaker! The Three-Way 15-inch 615HC

. . Engineered to Give You Broadcast-Quality Hi-Fi Sound

- 15" High-Compliance Woofer for Powerful Bass
- Radax Cone Adds Realism to Middle Frequencies
- Full 100-Watt Peak Music Power Capacity
- Rigid Cast Alloy Frame Aligns Moving Elements
- Screw-Type Terminals for Easy Connection
- Frequency Response from 20 to 20,000 Hz

pares with monitoring speakers used in professional recording and dcast studios. Huge 15-inch high-compliance woofer reproduces n the lowest bass frequencies of the mighty pipe organ. Radax midge cone, with crossover at 2000 Hz, enhances the important middle uencies. Compression-type VHF tweeter, with rectangular diffrac- horn, for smooth sound dispersion over a wide area with finest ible high-frequency response. Full 100-watt peak power capacity dles thunderous musical passages without distortion. All moving ents are locked in perfect alignment by the super-strong cast alloy e. Calibrated brilliance control adjusts high-frequencies to match m acoustics. Electrical crossover network for optimum frequency sion. Convenient binding post terminals for fast, easy connection to lifier. Mounting depth, 9⅛". Actual wt., 28 lbs.
9702 U. Shpg. wt., 32 lbs. *$5 Monthly*......................74.95

SPECIFICATIONS

Free-Air Resonant Frequency: 25 Hz.
Frequency Response: 20-20,000 Hz.
Crossover Frequencies: Mechanical at 2000 Hz, Electrical at 3500 Hz.
Power Capacity: 50 watts, 100 watts peak.
Magnet Wts: Woofer, 5 lbs.; tweeter, 6.8 oz.
Magnet Material: Ring-type ceramic.
Flux Density: 14,500 gauss.
Voice Coils (Edge-Wound): Woofer, 2½" copper ribbon; tweeter, 1" aluminum ribbon.
Rated EIA Sensitivity: 55 dB.
Nominal Impedance: 8 ohms.

Advantages of Ready-to-Mount Speakers

Easy Custom Installation

Ready-to-mount speakers make it easy, and practical, to "pipe" music to every room. You can design a custom system or buy a special speaker enclosure.

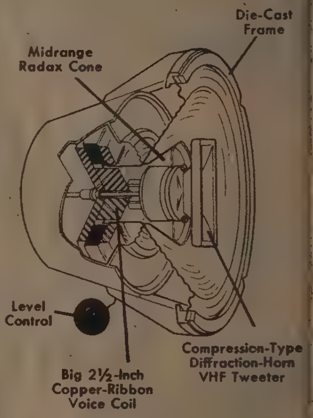
Use All Your Living Space

Enjoy music in every room without taking up valuable space. Ready-to-mount speakers offer excellent sound when wall or ceiling serves as a baffle.

You Save Two Different Ways

Save when you buy your speaker a Allied's low prices. Save again b eliminating the need for a speaker en closure, or by building an enclosure.

5-LB. CERAMIC MAGNET PLUS DELUXE FEATURES


Die-Cast Frame
Midrange Radax Cone
Level Control
Compression-Type Diffraction-Horn VHF Tweeter
Big 2½-Inch Copper-Ribbon Voice Coil

$64.95

$5 monthly

ALLIED 612HC . . Our Finest Three-Way 12-inch Speaker

- Frequency Response from 22 to 20,000 Hz
- 70-Watt Peak Power Handling Capacity
- Exceptional Bass Response Without Booming
- Level Control for Precise Tweeter Adjustment
- Rigid Frame Assures Alignment of Moving Elements
- Easy-to-Use Screw-Type Binding Posts

Exclusive at Allied, the finest 12" speaker you can buy *anywhere* at this price! Includes features generally found only in professional-quality recording and broadcast studio speakers. Big 12" high-compliance woofer is damped by an extremely powerful 5-pound ceramic magnet. Low resonant frequency permits outstanding bass response, without booming, in virtually any type of speaker enclosure.

Midrange Radax cone with crossover at 2000 Hz greatly enhances the middle frequencies and lends exceptional presence for dramatic realism. Very-high frequency compression-type diffraction-horn tweeter reproduces smooth highs to 20,000 Hz over a wide area.

Electrical crossover channels frequencies above 3500 to tweeter for best frequency division. Rigid frame locks copper-ribbon voice coil and all other moving elements in precise alignment. Calibrated brilliance control, on 36-inch cable, adjusts output level of tweeter. Screw-type binding post terminals for quick connection. Shpg. wt., 30 lbs.
20 C 9701 U. *$5 Monthly*....................64.95

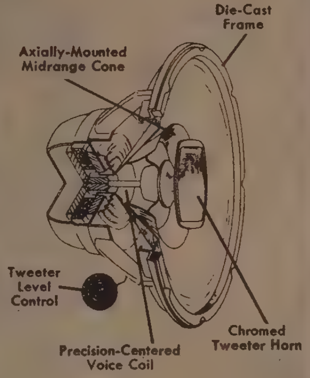
SPECIFICATIONS

Free-Air Resonant Frequency: 40 Hz.
Frequency Response: 22 to 20,000 Hz.
Crossover Frequencies: mechanical at 200 Hz; electrical at 3500 Hz.
Power Handling Capacity: 35 watts (70 watt peak).
Magnet Weights: woofer, 5 lbs.; tweeter, 6. oz.
Magnet Material: ring-type ceramic.
Voice Coils (Edge-wound): woofer, 2½" co per ribbon; tweeter, 1" aluminum ribbo
Rated E.I.A. Sensitivity: 53 dB.
Nominal Impedance: 8 ohms.
Speaker Mounting Depth: 7½".
Weight: (actual) 27 lbs.

alue-Packed Three-Way 12-inch Hi-Fi Speaker

LARGE 1¾-POUND CERAMIC MAGNET FOR DEEP POWERFUL BASS PLUS FIRST-QUALITY PARTS FOR FLAWLESS CONSTRUCTION

CHECK THESE DELUXE QUALITY FEATURES



$39.95

$5 monthly

ALLIED 888HCA Three-Way 12-inch High-Fidelity Speaker

- Smooth Overall Frequency Response from 25 to 19,000 Hz
- Easy to Mount—Only 6⅜" Deep
- Excellent Performance in Virtually Any 12-inch Enclosure
- 1¾-Lb. Ceramic Magnet
- Super-Strong Cast-Alloy Frame Assures Perfect Alignment of All Moving Elements

expensive-speaker sound—you'll be amazed at the performance of
888HCA. Offers quality construction with superior components for
n natural-sounding music over a full frequency range. Used in any
d enclosure, this speaker can reproduce the bass of a pipe organ
n the power to shake the walls, or recreate the sound of a single
npet with crystal-clarity.

12" high-compliance woofer, with 1¾-lb. magnet and 1½" voice
, offers bass down to 25 Hz. Midrange radiator cone with axial mount-
adds realism to the middle frequencies. Woofer and midrange are
ren by a high-efficiency ring-type ceramic magnet. Chromed com-
ssion-type tweeter has Alnico V magnet and diffraction horn for
n highs and wide dispersion angle—response extends to 19,000 Hz.

lt-in crossover separates bass and midrange frequencies. Electrical
ssover for highs. Tweeter has level control. Cast alloy frame locks
ing elements in alignment. Shpg. wt., 11½ lbs.
: 9753 X. *$5 Monthly*..39.95

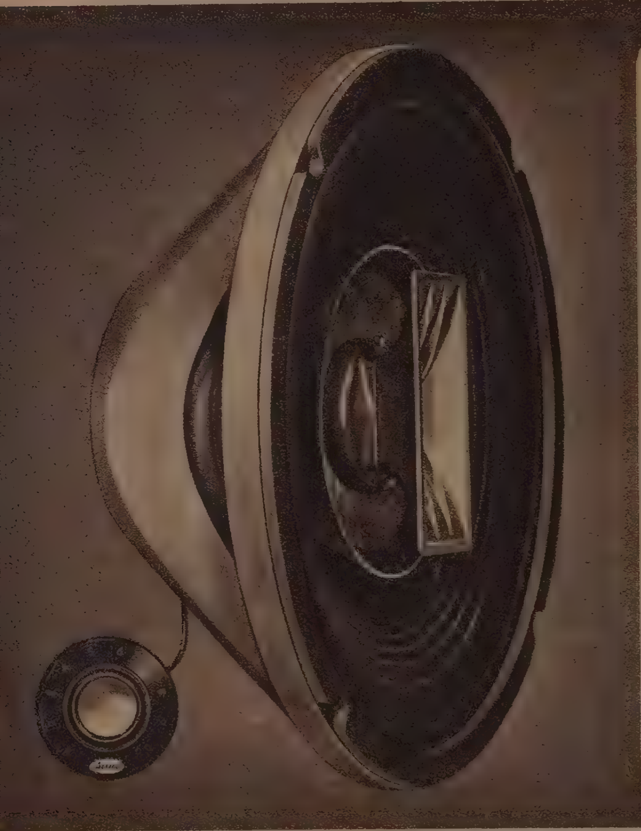
SPECIFICATIONS

Free-Air Resonant Frequency: 25 Hz.
Overall Frequency Response: 25-19,000 Hz.
Crossover Frequencies: mechanical, 2000 Hz; electrical, 4000 Hz.
Capacity: 25 watts (50 watts peak).
Magnet Weight: woofer, 1¾-lbs. ceramic; tweeter, 4.65-oz. Alnico V.
Flux Density: woofer, 12,650 gauss; tweeter, 13,500 gauss.
Voice Coils: woofer, 1½"; tweeter, 1".
Rated E.I.A. Sensitivity: 53 dB.
Rated Impedance: 8 ohms.
Mounting Depth: 6⅜".
Overall Diameter: $12\frac{1}{16}$".
Actual Weight: 8½ lbs.

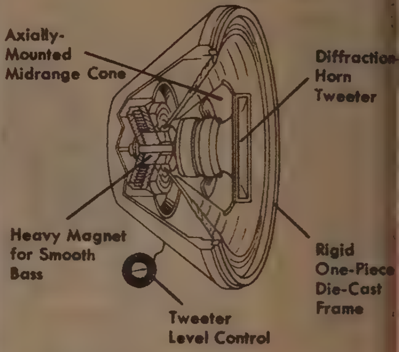
ALLIED

Our Most Popular 12" Speaker

THREE SEPARATE ELEMENTS FOR NATURAL SOUND



Quality Features . . Your Assurance of Better Hi-Fi


Axially-Mounted Midrange Cone
Diffraction Horn Tweeter
Heavy Magnet for Smooth Bass
Rigid One-Piece Die-Cast Frame
Tweeter Level Control

Allied's Best Value In a 12-Inch Speaker

$24.95 $5 monthly

ALLIED 830BHC Three-way 12-inch High-Fidelity Speaker

Packed with features for the budget minded. Low-cost speaker has many engineering refinements of more costly Allied Speakers. One-piece die-cast frame assures stability by locking 2-inch voice coil and other moving elements into precise alignment. High-compliance, long-excursion 12-inch woofer for deep, natural bass. Separate axially-mounted midrange cone for distortion-free middle frequencies. Compression-type VHF tweeter, with rectangular horn, disperses clear, brilliant high notes over a wide area. Crossovers at 3500 Hz and 2000 Hz. Calibrated level control on tweeter for adjusting high-frequency response. Binding post terminals for quick solderless hookup in seconds. Operates in any speaker enclosure with 12-inch cutout—at its acoustic best in 1286 enclosure below. Only 5¼" deep.
20 C 9707 X. Shpg. wt., 10½ lbs. *$5 Monthly*.................. 24.95

SPECIFICATIONS

Free-Air Resonant Frequency: 30 Hz.
Frequency Response: 25 to 18,000 Hz.
Power Capacity: 20 watts, (40 watts peak)
Magnet Weight: woofer, 13 oz; tweeter 3.16 o
Magnet Material: ceramic
Crossovers: 3500 Hz elec; 2000 Hz mechanic
Flux Density: woofer, 11,500 gauss; tweete
10,000 gauss.
Voice Coil Diameter: woofer, 2"; tweeter, 1
Rated EIA Sensitivity: 47.2 dB.
Rated Impedance: 8 ohms.

$29.95
$5 monthly

ALLIED 1286 12-inch Speaker Enclosure

Beautifully finished, factory assembled speaker enclosu at a low price. Features vented-port design for 1 speaker, and is a perfect match for the Allied 830BH speaker shown above. Improves bass response and brin out best performance from any speaker. Deluxe constru tion, space-saving size. Solid ¾" hardwood with oil walnut veneer on all four sides. Fiberglass lined for be acoustical performance. Two-lug terminal strip for ea connection to amplifier. Size, 14¾x24x12" deep. Shp wt., 31¾ lbs.
20 C 9731 U. *$5 Monthly*.............................. 29.9

r Lowest Priced ALLIED 12-inch Hi-Fi Speaker

' SOUNDING 12" SPEAKER WE'VE EVER OFFERED AT THIS LOW PRICE

Allied 822HCA Two-Way 12-inch High-Fidelity Speaker

4⁹⁵

- Aluminum Dome for Crisper Highs
- Bass Response Down to 25 Hz
- High-Compliance 12-inch Woofer
- Rigid Die-Cast Metal Frame

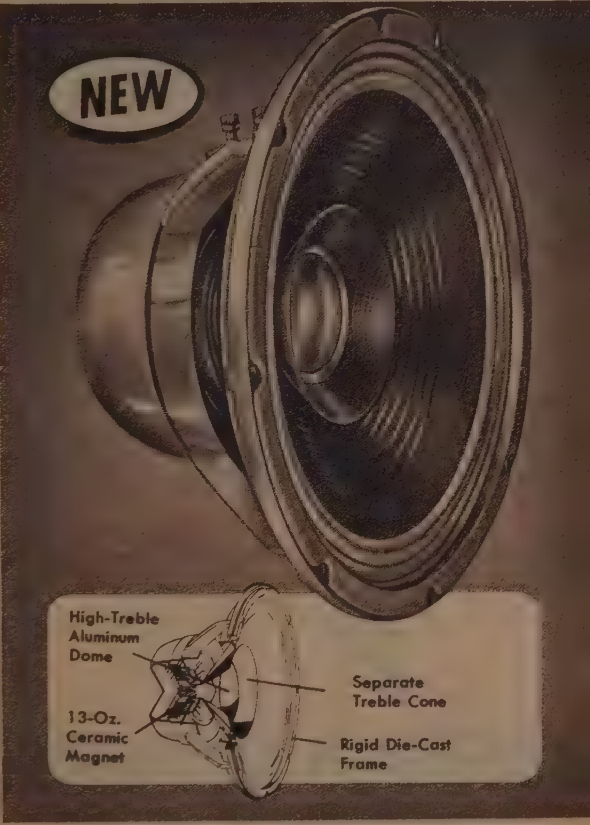
with a multitude of exciting features at an
tionally low price. Provides excellent repro-
n of the orchestral range. Incorporates 12-
igh-compliance woofer with an efficient treble
plus an aluminum dome for an overall fre-
y response of 25-15,000 Hz . . exceptional for
aker of this low price.

wer distributes sound above 5000 Hz to the
nt treble cone and aluminum dome for best
ncy distribution. Solid die-cast metal frame
1¼-inch diameter long-throw sealed copper
coil and other moving parts in precision align-
Heavy-duty voice coil is sealed against dam-
shorts, dust and moisture.

xceptionally low resonant frequency of 30 Hz
the 822HCA an excellent performer in any
ure, but we especially recommend the popular
1290K Enclosure Kit described below. Easy-
unt speaker has convenient binding post ter-
for quick solderless connections. Mounting
. 6⅜ inches. Shpg. wt., 7½ lbs.
751 X. 14.95

SPECIFICATIONS

ir *Resonant Frequency:* 30 Hz.
l Frequency Response: 25-15,000 Hz.
ver: Mechanical at 5000 Hz.
Handling Capacity: 20 watts (40 watts peak).
et: 13-oz. Ceramic type: 11,500 gauss.
Coil: 1¼-inch diameter: long-throw,
ed copper.
Impedance: 8 ohms.
ting Depth: 6⅜ inches.
ing Weight: 7½ lbs.



opular ALLIED 1290K Deluxe 12" Speaker Enclosure Kit

2⁹⁵

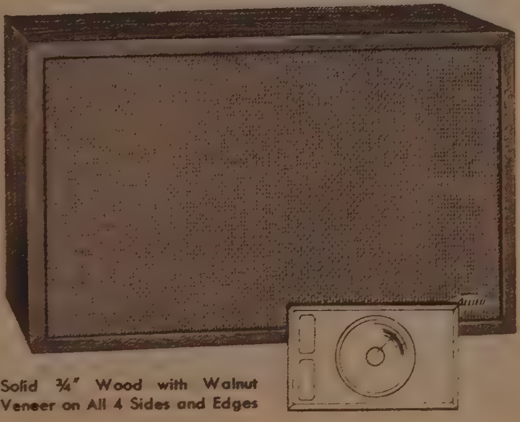
monthly

- Walnut Veneer On All 4 Sides
- Vented-Port Increases Bass
- Rugged ¾-Inch Construction
- Easily Assembled in an Evening

l lower than you would expect to pay for a
er enclosure kit of this quality. Features
d-port design for improved bass response. Com-
yet boasts attractive styling that goes well
virtually any decor. Engineered to accept 12"
ers, including most 2 and 3-way types—
lly the Allied 822HCA above.

iberglass acoustic lining and sturdy ¾" wood
s. All 4 sides have handsome walnut veneer—
it horizontally on shelf or vertically on floor.
ables with just a screwdriver. Kit includes oil
ubbing-in a rich walnut finish.

stically-transparent grille cloth is factory
ted. Back has terminal strip for speaker con-
n. Instructions included. Size, 14¾x24x12"
Shpg. wt., 29 lbs.
711 U. *$5 Monthly*. 22.95

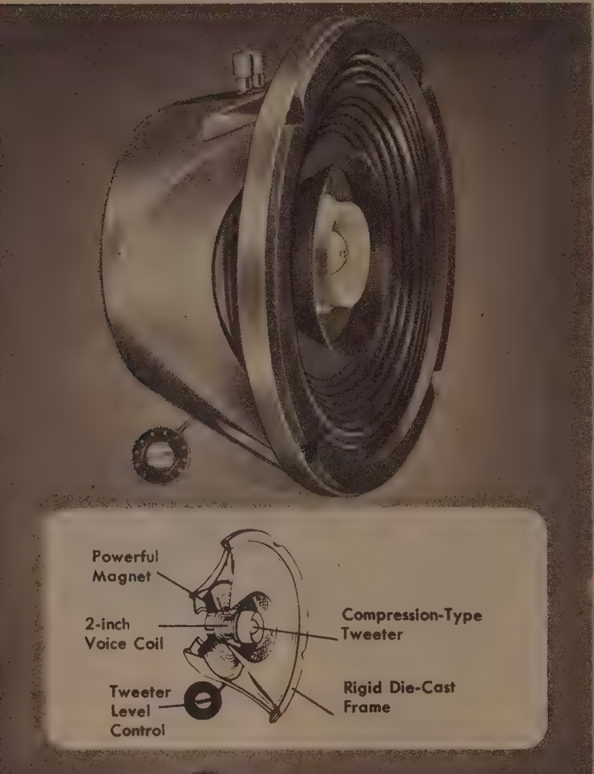


Solid ¾" Wood with Walnut Veneer on All 4 Sides and Edges

ALLIED

Our Finest 8-inch Speaker

FEATURES 3-WAY DESIGN FOR FULL RESPONSE



ALLIED Model 839 Three-Way 8-inch High-Fidelity Speaker

$19⁹⁵
$5 monthly

- 45-18,000 Hz Frequency Respons
- Woofer Boasts Large 2″ Voice Co
- Calibrated Tweeter Level Control
- Super-Strong Die-Cast Frame

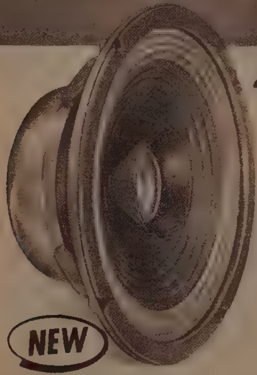
Our best Allied 8″ speaker. Performs like a 1 speaker, yet it's actually priced lower than mar "8's". Three-way design gives you powerful bas plus excellent midrange and highs. Performs bri liantly in any good enclosure, such as the 1295 below. Makes a superb hi-fi speaker for extensic use. Compact size, only 3⅞″ deep, makes it ide for custom mounting in wall or ceiling, too.

High-compliance 8″ woofer, and oversize 2″ voi coil, deliver solid bass as low as 45 Hz. Separa midrange cone lends crispness to the 2000 Hz 4000 Hz range, important for clear, natural repr duction of music. Compression-type tweeter pou out distortion-free highs up to 18,000 Hz. Tweet has level control to tailor "highs."

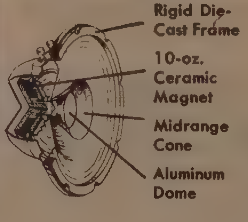
Built-in mechanical crossover for midrange, ar electrical crossover for tweeter. Frequencies are cha neled to correct speaker component for best overa tonal reproduction. Screw-type terminals for quic solder-free connection to any amplifier. Speak mounting depth, 3⅞″. Shpg. wt., 7 lbs.
20 C 9700. *$5 Monthly*........................19.9

SPECIFICATIONS

Free Air Resonant Frequency: 65 Hz.
Overall Frequency Response: 45 to 18,000 Hz.
Crossover Frequencies: Mechanical at 2000 Hz, Electrical at 4000 Hz.
Power Capacity: 20 watts (40 watts peak)
Magnets: Woofer; Ceramic, 10 oz. Tweeter; Alnico V, 1.47 oz.
Voice Coil: Woofer 2″, Tweeter 1″.
Rated Impedance: 8 ohms.
Mounting Depth: 3⅞″.
Actual Weight: 6 lbs.



ALLIED 809HC Two-Way 8-inch Speaker



$9⁹⁵

- Aluminum Dome for Brilliant Highs
- Frequency Range of 40 to 13,000 Hz
- Separate Midrange Radiator Cone

An unbeatable value. New high-compliance 8″ woofer with 10-oz. ceramic magnet and 1″ voice coil; separate midrange radiator cone; plus aluminum dome for crisp highs. Rigid die-cast frame insures precision alignment of moving parts. Ideal for extension speaker or for low-cost stereo system (with enclosure at right). Capacity, 15 watts (30 watts peak). 8 ohms. Depth, 3$\frac{5}{16}$″. Binding posts.
20 C 9750. Shpg. wt., 3¾ lbs........................9.95

ALLIED 1295K 8-inch Speaker Enclosure Kit

$14⁹⁵

- Walnut Veneer on All Four Sides
- Rugged ¾″ Wood Construction
- Easy to Assemble, Ready to Finish

Absolutely the best value we've ever offered in a she size 8″ enclosure. Features ducted-port design for extend bass response. Use on shelf or floor, either vertically horizontally. ¾″ wood with walnut veneer on all sides. Ju rub in finishing oil (not included) for attractive oiled waln finish. Fiber-glass lined. Screw-type terminal strip. S 11x24x9″. With instructions.
20 C 9721 X. Shpg. wt., 16 lbs........................14.9

Special Purchase of Utah Hi-Fi Speakers

C12P-4 Three-Way 12-inch Speaker

Save
8.00
$\$16^{95}$

Was $24.95. *Save 32%.* Three-way speaker has 12″ woofer with 1½″ voice coil and 1¼-lb. barium-ferrite magnet for deep, rich bass. Dual cones for extended high frequency response. Response, 30-20,000 Hz. Capacity, 25 watts rms, 45 watts peak. 8 ohms. 5$\frac{11}{16}$″ deep. Shpg. wt., 12 lbs.
20 C 8228 X. 16.95

C12JC-2 Two-Way 12-inch Speaker

Save
$\$6.00$
$\$13^{95}$

Was $19.95. *Save 30%.* Tremendous value in a 12″ two-way dual cone speaker. 10-oz. magnet, 1″ voice coil. Response, 30-17,500 Hz. 18 watts rms. 35 watts peak audio. Resonant frequency, 45 Hz. 8 ohms. 5$\frac{11}{16}$″ deep. Fingertip terminals with teflon insulation. Shpg. wt., 9¾ lbs.
20 C 8226 X 13.95

Buy Two Utah Three-Way 8-inch Hi-Fi Speakers

for only $\$19^{95}$ $5 monthly

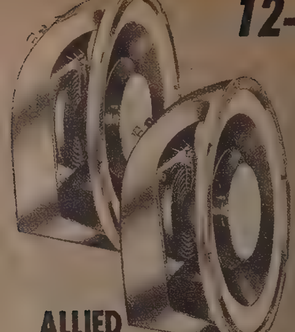
1 Speaker	2 Speakers
$\$18^{95}$	$\$19^{95}$

del C8JC3. This money-saving offer
es you two 8″ three-way speakers
t deliver outstanding hi-fi for just
.95.

sponse of 35-20,000 Hz. Woofer has
th-roll suspension and 10-oz. ce-
mic magnet for smooth bass; mid-
ge cone produces clear middle
quencies; tweeter with Alnico V
gnet offers pure undistorted highs.
gid, die-cast frame locks all moving
ments in perfect alignment. Large
ndows in frame permit maximum
e travel.

oisture resistant. Internal dust seal
otects precision voice coil gap.
ring-loaded terminals. Capacity: 15
tts rms, 30 watts peak. 8 ohms.
ch, 5½ lbs. *$5 Monthly.*
C 8414. Two Speakers 19.95
e Speaker 18.95

12-inch Three-Way Hi-Fi Speakers

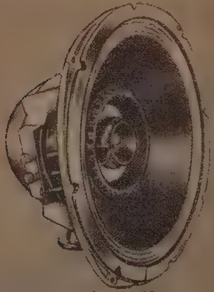


ALLIED EXCLUSIVE

PER PAIR $\$35^{95}$ $5 monthly

Utah C-12PC-3B

One of Utah's most popular hi-fi speakers, now offered in pairs at a special low Allied price! Full 12″ woofer with cloth-roll suspension and 1½″ copper voice coil. Midrange cone and tweeter with Alnico V magnets. Crossovers at 1000 and 3500 Hz. Die-cast frame. 25-20,000 Hz. Power capacity, 45 watts peak. 8 ohms. $5\frac{11}{16}$″ deep. Shpg. wt. per pair, 24½ lbs.
20 C 8229 X. . .Two for 35.95
One Speaker 34.95

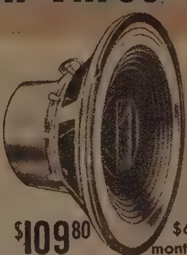


SPECIAL PURCHASE

NOW ONLY $\$41^{88}$ $5 monthly

University 1212

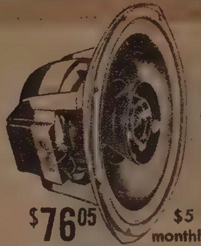
A quality hi-fi speaker at a special low Allied price! Features rich-sounding 12″ woofer, clear-toned midrange element, and sphericon tweeter to cover the audio spectrum from 35 to 30,000 Hz. Free-piston design with cloth suspension. Capacity, 30 watts. 8 ohms. 8¼″ deep. Wt., 10¼ lbs.
20 C 8059 X. 41.88



$\$109^{80}$ $6 monthly

Electro-Voice 12TRX

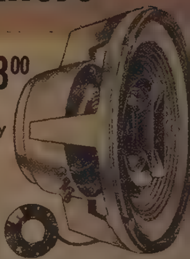
E-V's finest 12″ 3-way speaker. Superb full-range sound from 30 Hz to beyond audio range. 12″ woofer with 3-lb. magnet, Radax midrange, wide-dispersion tweeter. 2000, 3500 Hz crossovers. 80 watts peak. 16 ohms, 7½″ deep. 25 lbs.
20 C 8138 U. 109.80



$\$76^{05}$ $5 monthly

University 312

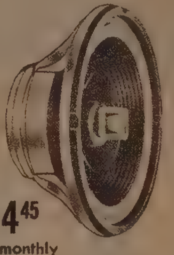
University's best-selling 3-way speaker. Massive 12″ woofer; "Diffusicone" midrange and "Sphericon" super-tweeter give 28-40,000 Hz response. LC crossover. 35 watts. 8-16 ohms. $6\frac{5}{8}$″ deep. 10¼ lbs.
20 C 8006 X. 76.05



$\$63^{00}$ $5 monthly

Electro-Voice 12TRXB

Designed to delight th
most critical listener. Com
bines 12″ woofer with 1½
lb. magnet, Radax mic
range, and wide-dispersio
horn tweeter. Beautifu
tone from 35 Hz to beyon
audibility. 60-watts peak
16 ohms. 7″ deep. 16 lbs.
20 C 8137 X. 63.0

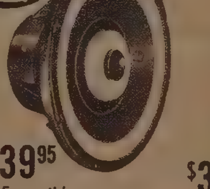


$\$54^{45}$ $5 monthly

Jensen SG-220

Big 12″ woofer with 1-lb. magnet for rich bass down to 20 Hz. Midrange frequencies handled by a smooth midrange radiator. Wide-dispersion super-tweeter for brilliant highs. 20-18,000 Hz. 20 watts. 8 ohms. $5\frac{7}{8}$″ deep. 12 lbs.
20 C 8374 X. 54.45

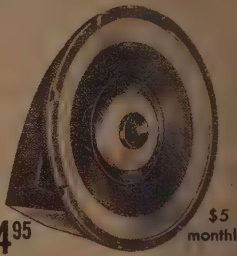
NEW



$\$39^{95}$ $5 monthly

Utah HF12PC-H

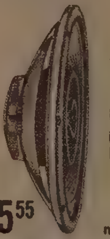
Newly designed to offer higher compliance and richer bass. Outstanding midrange and extended high frequencies. Response, 23-20,000 Hz. Capacity, 45 watts peak. 8 ohms. $5\frac{7}{8}$″ deep. 13 lbs.
20 C 8200 X. 39.95



$\$34^{95}$ $5 monthl

Utah C12PC-HF

Full 12″ woofer with clot
roll suspension and 1¼-lb
ceramic magnet brings yo
smooth bass down to 25 Hz
Compression horn tweete
brings highs to 20,000 Hz
Asymmetric frame. 45 watt
peak. 8 ohms. $5\frac{11}{16}$″ deep
Shpg. wt., 12 lbs.
20 C 8240 X. 34.9

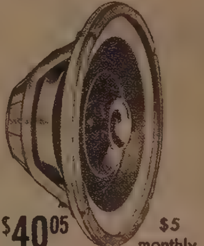


Slim-Line Dual Diaphragm Design

$\$35^{55}$ $5 monthly

University M-12T

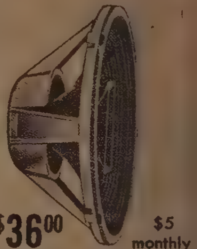
A fine 12″ speaker for superb low and mid-frequency reproduction. "Sphericon" tweeter extends highs beyond audibility—extra-wide dispersion. 35-40,000 Hz. 30 watts. 8 ohms. $3\frac{7}{8}$″ deep. Wt., 9 lbs.
20 C 8280 X. 35.55



$\$40^{05}$ $5 monthly

Jensen DL-220

Provides excellent hi-fi sound. 12″ woofer with 1-lb. magnet for full bass. Midrange radiator, compression tweeter. 25-17,000 Hz. 20 watts. 8 ohms. $5\frac{7}{16}$″ deep. Shpg. wt., 10 lbs.
20 C 8376 X. 40.05

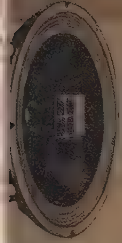


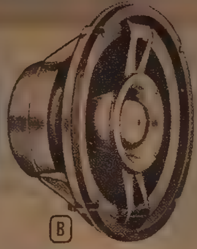
$\$36^{00}$ $5 monthly

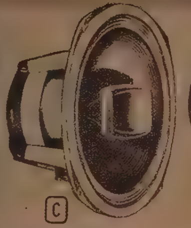
Electro-Voice LT-12

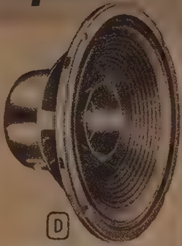
Popular E-V speaker ha
12″ woofer with 12-oz. mag
net, Radax midrange an
horn tweeter. Offers ful
bass response down to 4
Hz, and highs beyond the
audio range. 20 watts;
ohms. 5¼″ deep. 9 lbs.
20 C 8120 X. 36.0

12-inch Two-Way Hi-Fi Speakers









2⁶⁰ $6 monthly

$79⁸⁸ $5 monthly

$62⁵⁵ $5 monthly

$63⁰⁰ $5 monthly

A Altec-Lansing 601C

roofer with 9½-lb. magnet struc-
VHF driver, multi-cell horn. Level
ol. 30-22,000 Hz. 30-watts peak. 8
. 5⅝" deep.
8219 X. Wt., 18 lbs. 102.60

B Jensen SG-223

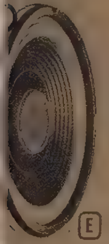
anding 12" speaker. "Flexair"
r with 1¾-lb. magnet, horn-loaded
tweeter. Response, 20-20,000 Hz.
atts. 8 ohms. 6⅜" deep.
8382 X. Wt., 15 lbs. 79.88

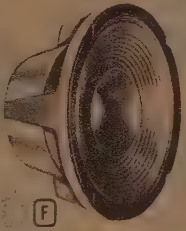
C University 6201

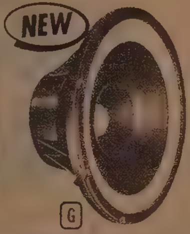
Coaxial speaker with separate magnets for woofer and compression tweeter. 28 Hz to beyond audio range. 35 watts. 8-16 ohms. 6⅝" deep.
20 C 8009 X. Wt., 10½ lbs. 62.55

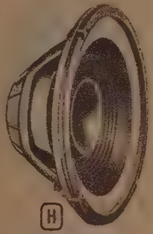
D Electro-Voice SP12

Treated woofer with 3-lb. magnet; Radax high-frequency radiator. Crossover at 4000 Hz. Response, 30-15,000 Hz. 80-watts peak. 16 ohms. 7½" deep.
20 C 8130 X. Wt., 21 lbs. 63.00









03 $5 monthly

$36⁰⁰ $5 monthly

$28⁵⁰ $5 monthly

$23¹⁸ $5 monthly

E New! Jensen SG-210

nce design "Flexair" woofer with
"Syntox-6" magnet. Curvilinear-
tor tweeter. Mech. mid-range. 20-
0 Hz. 20 watts. 8 ohms. 5⅞" deep.
8201 X. Wt., 12 lbs. 47.03

F Electro-Voice SP12B

-range coaxial reproducer. High-
liance 12" woofer, Radax super-
er. Response, 35-15,000 Hz. 60-
peak. 16 ohms. 6¾" deep.
8131 X. Wt., 15 lbs. 36.00

G New! Utah HF12PC-2

High-compliance 12" woofer for deep, bass. Whizzer cone offers brilliant high frequencies. 23-19,000 Hz. 45 watts peak, 8 ohms. 5⅞" deep.
20 C 8202 X. Wt., 12 lbs. 28.50

H Jensen DL-120

Low-cost dual-cone boasts "Flexair" woofer plus clean high-frequency radiator. Response, 40-15,000 Hz. 20 watts. 8 ohms. 5⁷⁄₁₆" deep.
20 C 8384 X. Wt., 9 lbs. 23.18

J Electro-Voice LS12A

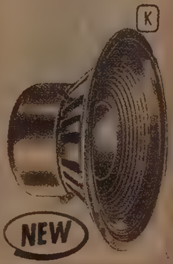
$20⁷⁰ $5 monthly

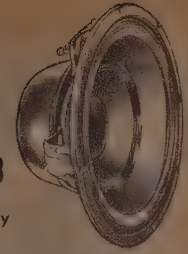
Popular Electro-Voice speaker can double as low-frequency driver. Woofer has 13-oz. ceramic magnet. Radax tweeter. 40-14,000 Hz. 20 watts. 8 ohms. 3¹⁵⁄₁₆" deep.
20 C 8476 X. 8 lbs. 20.70

K New! Utah D12P

$17⁹⁵

For budget high-fidelity systems. Delivers surprisingly rich, natural bass response—tweeter produces brilliant highs. 30-14,000 Hz. 40 watts peak. 8 ohms. 6¼" deep. 7½ lbs.
20 C 8203 X. 17.95



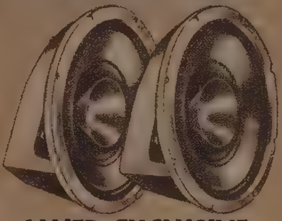


$41⁸⁸
$5 monthly

SPECIAL PURCHASE

Altec-Lansing 412C

Great value at this special low Allied price! Features Altec-Lansing's exclusive Biflex multiple-compliance design. 12" woofer with unique mid-cone compliance permits thrilling bass and brilliant treble. 30-15,000 Hz. 30-watts peak. 8 ohms. 5⅝" deep. 16 lbs.
20 C 8212 X. *$5 Monthly* 41.88

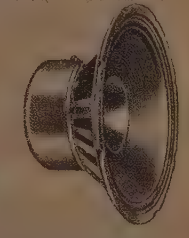


ALLIED EXCLUSIVE

PER PAIR $27⁵⁰ $5 monthly

Utah C12PC-2A

Pair of fine-quality hi-fi speakers at an exclusive low Allied price! Dual-cone design with 12" high-compliance woofer and cleanly-responsive treble cone. 20-oz. ceramic magnet; 1½" voice coil. 30-20,000 Hz; 45-watts peak; 8 ohms. 5¹¹⁄₁₆" deep. Shpg. wt., per pair, 23 lbs.
20 C 8227 X. . . . Two for 27.50
One Speaker. 26.50

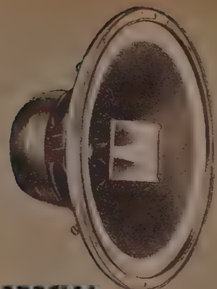


$9⁹⁵

Low-Cost Lincoln L-102

For low-cost stereo systems. Treated woofer cone delivers good bass response. Whizzer cone handles midrange and highs. 1¼-lb.-equivalent Alnico V magnet. 30-14,000 Hz. 20 watts. 8 ohms. 6⁵⁄₃₂" deep. Wt., 6¼ lbs.
20 C 8440 X. 9.95

Full-Range 15-inch Hi-Fi Speakers

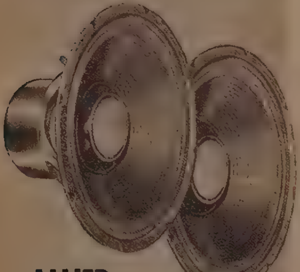


SPECIAL PURCHASE

$\$99^{50}$ $5 monthly

Altec-Lansing 602D

Superb 15-inch 2-way coaxial speaker at a sensational low Allied price! Features high-compliance woofer with 3″ voice coil and 10½-lb. magnet structure. Compression driver and cast-zinc horn with 40°x90° dispersion evenly distribute sparkling high frequencies. Cast-alum. frame. With crossover. Level control. 20-22,000 Hz. 25 watts. 8 ohms. 7″ deep. 21 lbs.
20 C 8220 X..........99.50

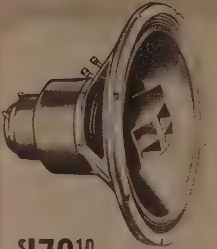


ALLIED EXCLUSIVE

PER PAIR $\$40^{95}$ $5 monthly

Utah D15PXC-3

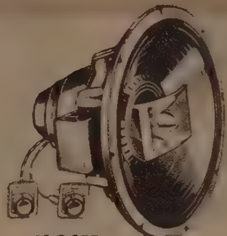
Get two 3-way 15″ speakers at Allied's exclusive low price! Boasts 15″ woofer with 1⅞-lb. ceramic magnet for astonishingly rich bass. 4″ tweeter covers the midrange and highs with sparkling clarity. Anodized aluminum screen protects tweeter from damage. Response, 20-18,000 Hz. 45 watts peak. 8 ohms. 8″ deep. Shpg. wt. per pair, 24 lbs. *$5 Monthly.*
20 C 8230 X. Two for...40.95
One Speaker.........39.95



$\$179^{10}$ $9 monthly

Altec-Lansing 604E

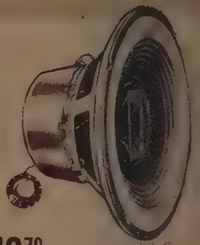
"Super-Duplex" 2-way 15″ speaker features massive 27-lb. dual magnet structure. Full-frequency 20-22,000 Hz response. Widely used in professional recording and broadcast monitoring. Coaxially-mounted multicellular horn with level control. 35 watts. 8-16 ohms. 11⅛″ deep. 40 lbs.
20 C 8215 U.........179.10



$\$161^{55}$ $9 monthly

University 315C

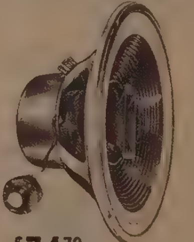
Three-way speaker has 15″ theater-type woofer with 14-lb. magnet structure and special anti-breakup diaphragm. Diffusicone midrange, compression driver, super-tweeter. 25 Hz to beyond audio range. 50 watts. 8-16 ohms. 12″ deep. 35 lbs.
20 C 8008 U......161.55



$\$119^{70}$ $6 monthly

Electro-Voice 15TRX

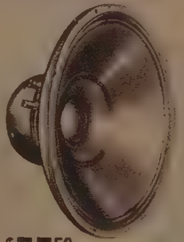
E-V's finest, most popula 3-way 15″ speaker. Boast woofer with 4⅝-lb. cerami magnet; exclusive Rada propagator; plus horn loaded super-tweeter wit 6.8-oz. Alnico V magne Balance control. Response 25-20,000 Hz. Capacity, 4 watts. 16 ohms. 8¼″ dee Shpg. wt., 30 lbs.
20 C 8136 U.........119.7



$\$74^{70}$ $5 monthly

Electro-Voice 15TRXB

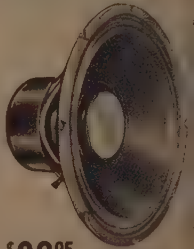
Quality 3-way design gives magnificent sound over the audio range. Giant 15″ woofer has 1¾-lb. ceramic Indox magnet. Radax-type midrange cone. Wide-dispersion horn-type super-tweeter. Brilliance control. Capacity, 30-20,000 Hz. 60 watts peak. 16 ohms. 9″ deep. 18 lbs.
20 C 8070 X.........74.70



$\$77^{50}$ $5 monthly

Altec-Lansing 415C

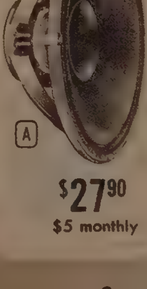
Fine value in a full-range 2-way 15″ speaker. Employs exclusive "Biflex" multiple compliance for unusually wide frequency range. Cast-aluminum frame. 3″ voice coil. Response, 25-14,000 Hz. Capacity, 25 watts. Impedance, 8 ohms. 7″ deep. 19 lbs.
20 C 8211 X.......77.50



$\$39^{95}$ $5 monthly

Utah D15PXC-HF

Low-cost way to custon install a 3-way 15″ speake in your equipment. Woofe has 1⅞-lb. ceramic magne and 1½″ voice coil for pow erful bass down to 30 H Compression horn tweete with 1.47-oz. Alnico V mag net for highs to 20,000 H 45 watts peak. 8 ohms. deep. 12¾ lbs.
20 C 8239 X...........39.9



A

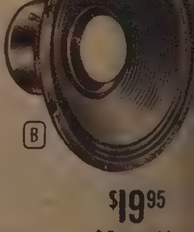
$\$27^{90}$
$5 monthly

A Electro-Voice LS-15

Here's a truly amazing value in a 15″ 2-way speaker! Incorporates the famous "Wolverine" crossover and Radax propagator. 30-14,000 Hz. 20 watts. 8 ohms. 6$\frac{11}{32}$″ deep.
20 C 8123 X. Wt., 11 lbs........27.90

B Lincoln L-155—Big Value

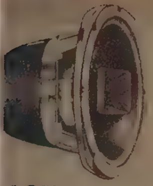
Three-way 15″ hi-fi speaker at a sensational low price—excellent choice for budget stereo systems! Woofer has 1½″ voice coil, 1¼-lb. magnet. Whizzer cone and HF tweeter. 25-18,000 Hz. 40-watts peak. 8 ohms. 8″ deep.
20 C 8160 X. Wt., 10 lbs........19.95



B

$\$19^{95}$
$5 monthly

alue-Packed 8" Hi-Fi Speakers

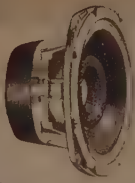


42.75 $5 monthly

University 308

3-way speaker has ·ful 8" woofer for rich down to 30 Hz. Dif- n midrange and recip- ng flare horn for treble .000 Hz. Capacity. 35 s. Impedance, 8-16 . 6⅛" deep. Wt., 7½

3011.. . . . . .42.75

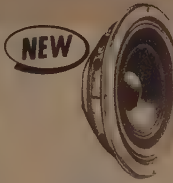


$29.25 $5 monthly

University "Diff-8"

Popular University "Diffusicone-8" 2-way 8" speaker. Woofer reproduces bass down to 30 Hz. Diffusicone midrange/tweeter extends highs to 15.000 Hz. 35 watts. 8-16 ohms. 4$\frac{5}{16}$" deep. 5 lbs.

20 C 8010. . . . . .29.25

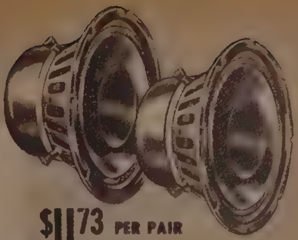


$29.00 $5 monthly

New! Altec-Lansing 755E

Two-way "Biflex" speaker so slim it fits just about anywhere—depth is just 2¼". Multiple concentric compliance suspension. 90° disperson; 1½-lb. ceramic Indox V magnet. Frequency response. 40-15,000 Hz. 15 watts. 8 ohms. 7 lbs.

20 C 8205. . . . 29.00



$11.73 PER PAIR

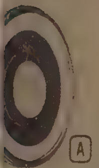
ALLIED EXCLUSIVE

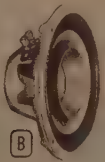
Utah D8LA 2-Way

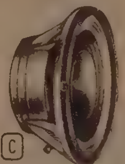
Two 2-way 8" speakers at a special low Allied price Alnico V dual diameter magnet, plus treated cone edge and whizzer cone assure powerful bass, brilliant highs. 1¼" voice coil. 40-16,000 Hz. 25 watts peak. 8 ohms. 4" deep. Shpg. wt., per pair, 8 lbs.

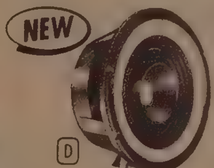
20 C 8437. . . . Two for 11.73

One Speaker. 10.73









19.95 $5 monthly

$18.00

Jtah C8JC3-B Three-Way Speaker

ıres die-cast asymmetric frame for element alignment. 35-20,000 Hz. ıtts. 8 ohms. 3$\frac{9}{16}$" deep.

3242. 5¼ lbs. *$5 Monthly* .19.95

ectro-Voice LS8 Two-Way Speaker

ıts in ceiling, wall and thinline en- res. Radax midrange HF cone. 40- 0 Hz. 25 watts. 8 ohms. 3½" deep.

8124. Wt., 5 lbs. .18.00

$20.48 $5 monthly

$16.95

C Jensen SG-80 Two-Way Speaker

Dual-cone. ⅝-lb. magnet. 40-15,000 Hz. 15 watts. 8 ohms. 3⅝" deep.

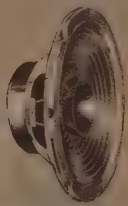
20 C 8388 X. Wt., 5 lbs. 20.48

D Utah HF8JXC-2 Two-Way Speaker

Dual cone for 32 to 19,000 Hz response. 30 watts peak. 8 ohms. 3⅝" deep.

20 C 8206. Wt., 4¾ lbs. 16.95

20 C 8207. HF8JXC-3 3-Way 8". With tweeter, 32-20,000 Hz. 5 lbs. 24.95



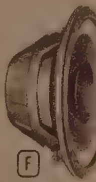
$12.50

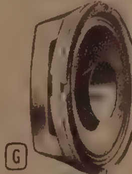
SPECIAL PURCHASE

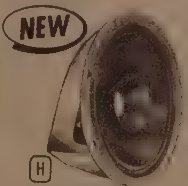
University 201 Two-Way

Sensational low Allied price for this speaker. Heavy-duty woofer and treble cones, mounted between highly-compliant suspensions, develop free-piston excursions for full 50-20,000 Hz frequency response. Capacity, 30 watts peak. 8 ohms. 3⅝" deep. Shpg. wt., 3 lbs.

20 C 8064. . . . . .12.50







$15.95

$15.75

New! Utah D8PA 2-Way Speaker

ırt craftsmanship. Brilliantly covers ıl spectrum from 35 to 13,000 Hz. atts peak. 8 ohms. 5" deep.

8241. Wt., 5 lbs. 15.95

Jensen DL80 Two-Way Speaker

cost dual-cone high-fidelity speaker. oofer; radiator cone. 45-15,000 Hz. atts. 8 ohms. 3⅞" deep.

8389. Wt., 4 lbs.. . . .15.75

$12.60

$12.95

G Electro-Voice MC8 2-Way Speaker

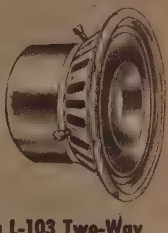
Woofer has ceramic magnet structure. Radax midrange and HF cone. 50-13,000 Hz. 12 watts. 8 ohms. 3$\frac{3}{16}$" deep.

20 C 8472. Wt., 5 lbs. 12.60

H New! Utah C8HC-2 Two-Way Speaker

Low cost speaker with quality features throughout. Response, 45-18,000 Hz. 24 watts peak. 8 ohms. 3$\frac{9}{16}$" deep.

20 C 8208. Wt., 4¾ lbs. 12.95



$8.95

Lincoln L-103 Two-Way

Here's value-plus for your speaker dollar! Treated whizzer cone for crystal-clear reproduction of midrange and high frequencies. Powerful, dual-diameter magnet is equivalent to 21½-oz. Alnico V magnet. 1½" voice coil. Response, 35-14,000 Hz. 20 watts. 8 ohms. 5" deep. 5 lbs.

20 C 8441. . . . . .8.95

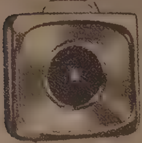
oln Speakers Are A Product of Allied Radio

Outdoor Speakers, Hi-Fi Speakers, Accessories

Outdoor Hi-Fi Speakers

UTAH HFOD-8A Patio Speaker

Two-way 8″ speaker in weatherproof drawn steel green cabinet. Volume control. Response: 35-18,000 Hz. Capacity: 15 watts. 8 ohms. With 25′ cable. 10⅞x10⅞x3⅜″.
20 C 8448 X. Wt., 7 lbs. 12.95



ELECTRO-VOICE Sonocaster I

Lightweight, rugged and weatherproof for extension or portable use. Radax coaxial 8″ speaker. Molded black housing. 70-13,000 Hz. 30 watts peak. 8 ohms. 16¾x17x5⅞″.
20 C 7237 X. 7 lbs. *$5 Mo.* 22.50

ELECTRO-VOICE Musicaster I

Weatherproofed 8″ dual horn-loading Radax speaker. Die-cast aluminum frame. 60-13,000 Hz. 60 watts peak. 8 ohms. 21½x21½x8½″.
20 C 8432 U. 36 lbs. *$5 Mo.* . . . 72.00
20 C 8431 U. Musicaster II. Above; VHF driver. 18,000 Hz. 38 lbs. 90.00

$13.36

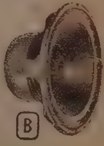
ALTEC 405A 4″ Mini-Speaker

Full-range speaker for high-fidelity systems. 60-15,000 Hz. 10 watts. 8 ohms. 2⅛″ deep.
20 C 8065. Wt., 3 lbs. 13.36

ALTEC Low-Frequency Speakers

A

$49.95


B

$48.60

C

$56.70

A **Altec 406B 10″ Woofer.** Lightweight cast aluminum frame. 9-lb. 7-oz. magnet structure. Exceptional response in small enclosure. 25-4500 Hz. 25 watts. 8 ohms. 5¼″ deep.
20 C 8214 U. Shpg. wt., 16 lbs. *$5 Monthly* 49.95

B **Altec 414A 12″ Woofer.** 9-lb. 7-oz. magnet structure. 3″ edge-wound voice coil; cast aluminum frame. Response, 30-4000 Hz. 25 watts. 16 ohms. 5⅝″ deep.
20 C 8216 U. Shpg. wt., 16 lbs. *$5 Monthly* 48.60

C **Altec 416A 15″ Woofer.** 10-lb. 8-oz. magnet structure. 3″ edge-wound copper ribbon voice coil. Cast aluminum frame. 20-1600 Hz. 30 watts. 16 ohms. 7″ deep.
20 C 8221 U. Shpg. wt., 19 lbs. *$5 Monthly* 56.70

LINCOLN L-104 Midrange-Tweeter

Exceptional Allied value! 1-oz. Alnico V magnet. 5000 Hz crossover. 3500-16,000 Hz. 15 watts. 8 ohms. 1⁹⁄₁₆″ deep.
20 C 8442. Shpg. wt., 8 oz. 1.99

EMPIRE 9000/MHX Acoustic Lens

First-quality tweeter with built-in crossovers at 450, 5000 Hz. 450-20,000 Hz. 60 watts. 8 ohms. 10¾x6¼x3¼″.
20 C 8450 X. 12 lbs. *$5 Monthly* 84.95

Acoustic-Suspension Model

UTAH CS4JFC 4″ Full Range

Cloth-roll acoustic-suspension speake
performs like a much larger mode
1¾-lb. magnet structure; ¾″ voic
coil. 70-17,000 Hz. 18 watts peak.
ohms. 2⅛″ deep.
20 C 8163. Wt., 2¼ lbs. 6.9

UTAH CS6JCW 6″ Full Range

Acoustic-suspension 2-way 6″ speake
features compact size, big sound. 1
oz. barium-ferrite magnet. Respons
50-17,000 Hz. Capacity, 25 watt
peak. 8 ohms. 2⅝″ deep.
20 C 8222. Wt., 2½ lbs. 7.9

UTAH CS8JCW 8″ Full Range

Acoustic-suspension 2-way 8″ speake
has truly amazing response for its siz
Coaxial high-frequency cone; cloth-ro
suspension. Response, 30-20,000 H
Capacity, 30 watts peak. 8 ohms. 3
deep.
20 C 8223. Wt., 3 lbs. 8.9

Selected 15″ and 12″ Woofers

D

E

F

G

$89.55

$92.25

$79.95

$15.9

D **University C15W 15″.** Has 14-lb. magnet structure; du
voice coil. 25-1500 Hz. 50 W. 4-20 ohms. 10½″ dee
20 C 8025 U. Shpg. wt., 27 lbs. *$5 Monthly* 89.5

University C15HC 15″. (Not illus.) 10-lb. magnet structur
dual voice coil. 18-800 Hz. 60 W. 4-20 ohms. 8⅛″ dee
20 C 8026 U. Shpg. wt., 25 lbs. *$5 Monthly* 85.5

University C-12HC 12″. (Not illus.) 8-lb. magnet structur
dual voice coil. 20-3000 Hz. 50 W. 4-20 ohms. 6⅞″ dee
20 C 8027 X. Shpg. wt., 14 lbs. *$5 Monthly* 48.6

E **Jensen W15-LF 15″.** "Flexair" design with 3½-lb. ma
net. 16-2000 Hz. 45 watts. 8 ohms. 8″ deep.
20 C 8301 X. Shpg. wt., 15½ lbs. *$5 Monthly* 92.2

Jensen W12NF 12″. (Not illus.) "Flexair" suspension; 1¾
lb. magnet. 20-2000 Hz. 35 watts. 8 ohms. 7½″ deep.
20 C 8300 X. Shpg. wt., 9¼ lbs. *$5 Monthly* 52.6

F **Empire 9000-15W 15″.** 18-lb. magnet structure; 4″ voic
coil. 20-1000 Hz. 75 watts. 8 ohms. 6″ deep.
20 C 8452 U. Shpg. wt., 25 lbs. *$5 Monthly* 79.9

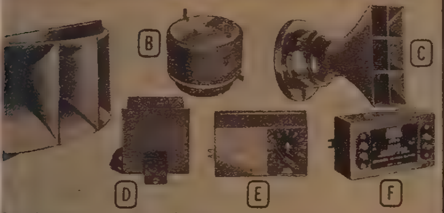
Empire 8000-12W 12″. (Not illus.) 18-lb. magnet structur
4″ voice coil. 25-1000 Hz. 60 W. 8 ohms. 3½″ deep.
20 C 8451 U. Shpg. wt., 21 lbs. *$5 Monthly* 66.9

G **Lincoln L-109 15″.** 20-oz.-equiv. dual-diameter magne
1½″ voice coil. 24-4500 Hz. 30 W. 8 ohms. 7⅞″ deep
20 C 8445 X. Shpg. wt., 9 lbs. 15.9

Lincoln L-112 12″. (Not illus.) 20-oz.-equiv. magnet; 1½
voice coil. 30-4000 Hz. 25 watts. 8 ohms. 6¼″ deep.
20 C 8444 X. Shpg. wt., 7½ lbs. 12.9

peaker System Components and Accessories

'EC "Voice of the Theater" Components



ltec-Lansing 511B H.F. Sectoral Horn. 500 Hz to be-
ond audio range. 90°x40° dispersion. 18½" deep.
8234 U. Shpg. wt., 18 lbs. *$5 Monthly*........37.50

ltec-Lansing 802D H.F. Driver. 500-22,000 Hz. Couples
511B horn. 30 W. 16 ohms. $3\frac{11}{16}$" deep.
8233. Shpg. wt., 9 lbs. *$5 Monthly*..........67.50

ltec-Lansing 3000H H.F. Speaker. Multicell horn,
river. 3000-22,000 Hz. 20 W. 8 ohms. $4\frac{5}{16}$" deep.
8237, Shpg. wt., 2 lbs. *$5 Monthly*..........35.10

ltec-Lansing N-500G Crossover. Two-section crossover
r 802D driver divides at 500 Hz. 16 ohms.
8236. Shpg. wt., 9 lbs. *$5 Monthly*..........47.25

ltec-Lansing N-3000E Crossover. 3000 Hz crossover
r 406B or 414A woofer and 300H tweeter. 8 ohms.
8238. Shpg. wt., 2 lbs. 16.20

ltec-Lansing 100A Bass Energizer. Boost low-end bass
dB. Begins at 150 Hz, optimum at 50 Hz.
8218. Shpg. wt., 1 lb. *$5 Monthly*...........22.50

JENSEN Speaker Accessories

P
S
Jensen
N
R
HF BALANCE

nsen Model TP35-V Direct Radiating Tweeter. Engineered
ith 3½" diaphragm. Frequency response, 2000 Hz to
0 Hz. Power handling capacity, 25 watts. Impedance,
ns. Shpg. wt., ¾ lbs.
8302...5.85

nsen Model TE-40 Sono-Dome® Ultra-Tweeter. For use
3- or 4-way systems above 4000 Hz response. Full
ency response, 4000 Hz to 25,000 Hz. Power handling
city, 35 watts. Impedance, 8 ohms.
8303. Shpg. wt., 1½ lbs. *$5 Monthly*..........26.96

nsen Model MC8-R Direct Radiator 8-inch Mid-Frequency
nit. Closed back permits use in woofer enclosures with-
danger of losing fidelity. Frequency response, 600 Hz
00 Hz. Power handling capacity, 40 watts. Impedance,
ms. Shpg. wt., 4 lbs.
8304. *$5 Monthly*.............................20.93

nsen Model BCL-2 Two-Deck L-Pad. Wirewound with
nob and escutcheon. For mid- and high-frequency bal-
adjustments in multi-way speaker systems. Power
lling capacity, 45 watts. Impedance, 8 ohms.
8307. Shpg. wt., ½ lb...........................8.06

nsen Model A6410/8 Crossover Network. For use in 3- or
-way speaker systems. Crossover frequencies at 600 Hz,
Hz, and optional 10,000 Hz. Power handling capacity,
watts. Impedance, 8 ohms. Shpg. wt., 7 lbs.
8306. *$5 Monthly*.............................40.05

ELECTRO-VOICE Speaker Accessories

G **Electro-Voice HF-1 Tweeter Package.** Wide-angle tweeter; 3500 Hz crossover; level control; wiring. 3500 Hz to beyond audio range. 25 watts. 8 ohms.
20 C 8128. Shpg. wt., 3 lbs. *$5 Monthly*..........26.10

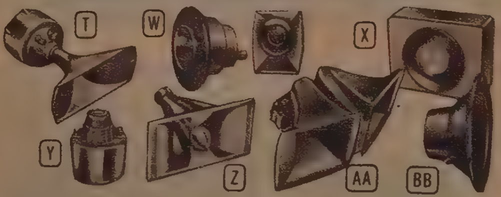
H **E-V BB-1 Deluxe Tweeter Package.** T35 tweeter; X36 crossover; AT37 control. 3500-20,000 Hz. 40 watts. Impedance, 16 ohms.
20 C 8113. Shpg. wt., 6 lbs. *$5 Monthly*..........42.30

J **E-V T-35 Tweeter.** Response: 3500 to 20,000 Hz. Capacity, 40 watts. Impedance, 16 ohms.
20 C 8142. Shpg. wt., 3 lbs. *$5 Monthly*..........28.80

K **Electro-Voice BB-4 Package.** Complete with: T25A driver; 8HD diffraction horn; X8 crossover; AT37 control; wiring. 80-3500 Hz. 40 watts. 16 ohms.
20 C 8114 X. Shpg. wt., 16 lbs. *$5 Monthly*.......97.20

L **Electro-Voice MF1 Midrange Speaker Package.** Includes: MR-10 treble driver; CR-10 crossover; level control; wiring. 1000-3500 Hz. 20 W. 8 ohms.
20 C 8129 X. Shpg. wt., 5 lbs. *$5 Monthly*........27.90

UNIVERSITY Speaker Accessories



T **20 C 8051. HF-206 Tweeter.** 2500 Hz to beyond audio range. For 3-way systems, use N-1 Filter, below. Capacity: 50 watts. 8 ohms. 6x$3\frac{5}{16}$x$6\frac{9}{16}$". Wt., 3½ lbs.
$5 Monthly..35.55

W **20 C 8283. MS Supertweeter.** 3000-40,000 Hz. Crossover, brilliance control. 30 watts. 8 ohms. 3⅛x$3\frac{1}{16}$". 1 lb. 16.89

X **20 C 8060. T-203W Sphericon Tweeter.** 3000-40,000 Hz. Crossover, brilliance control. Capacity: 30 watts, 8 ohms. Walnut case. 6¾x5¼x2¾". 3 lbs. *$5 Monthly* 24.30

20 C 8061. T-202 Tweeter. Above, less case. 4⅝x4". Shpg. wt., 2½ lbs. *$5 Monthly*..........................24.30

20 C 8053. N-1 Adjustable High-Pass Filter. (Not illus.) 4-16 ohms. 2500, 5000, 10,000 Hz xover. 3⅝x3¼x3". 2 lbs. 13.50

AP-8 Level Control. (Not illus.) For 8-16 ohm systems.
20 C 8055. Shpg. wt., 7 oz..................................3.78

Y **20 C 8049. T-30 Midrange/HF Driver.** For H-600 or Cobreflex horns. 350 Hz to beyond audibility. 50 watts. 8 ohms. 1¾"-18 throat. 3½x3¾". Wt., 2¾ lbs. *$5 Monthly*..30.06

Z **20 C 8050. H-600 Midrange/HF Horn.** Midrange down to 600 Hz. 7¾x8¾x4¾". Wt., 2 lbs. *$5 Monthly*.....21.42

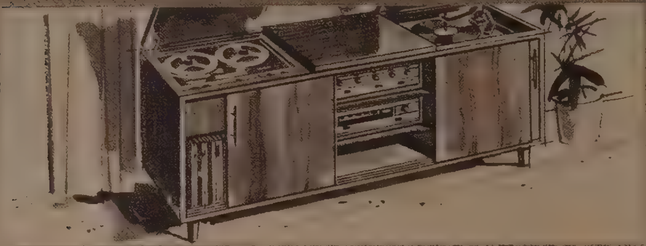
AA **12 C 7566 X. Cobreflex Twin-Flare Horn.** Midrange down to 200 Hz. 1⅜"-18 throat. 10¼x18½x9¼". Use with T-30 above. Shpg. wt., 10¼ lbs. *$5 Monthly*.........27.60

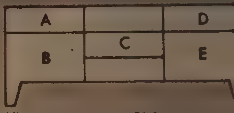
BB **20 - 8048. C-8M 8" Midrange Speaker.** 500-5000 Hz. 50 watts. Impedance: 8 ohms. Shpg. wt., 3½ lbs....16.38

ALLIED

Distinctively-Styled Hi-Fi Furnitu

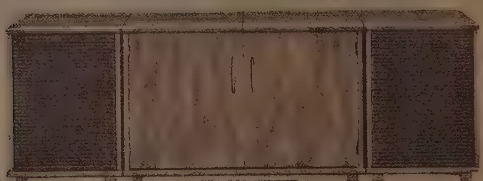
EXPERTLY CRAFTED CABINETS IN A MODERN MO

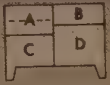




All sections are 17⅞" wide. A a
D: 9" high (6" above board,
below), 14¼" deep. B and E: 12
high, 15¾" deep. C is 21¾" hi
15¾" deep with adj. shelves.

Smart Allied Ensemble—Kit or Assembled





Three-Piece Ensemble Kit

$154⁸⁵

$8 monthly

All 17⅞" w. A, C: 21¾" h, 16¼" d, with adj. shelves. B: 9" h, (6" above board, 3" below), 14⅞"d. D: 12¾" h, 16¼" d.

Two-Section Equipment Cabinet Kit

$79⁹⁵

$5 monthly

Allied 3-piece ensemble or 1510 two-section equipment cabinet and 1511 speaker enclosures separately. Kits assemble with screwdriver, come with oil for walnut finish. ¾" construction. Cabinet, 27¼x38½x17¼". Enclosure, 27¼x18¼x17¼". Precut for 15", with 12" speaker adapter. Assembled, oiled walnut finish.

Item	Wt., Lbs.	Kit Ready-to-Finish		Assembled, Finished	
		Stock No.	EACH	Stock No.	EACH
Ensemble	209	20 C 9363 L3ZF	154.85	20 C 9364 L3ZF	204.85
Cabinet	98	20 C 9356 ZF	79.95	20 C 9360 ZF	109.95
Enclosure	55	20 C 9357 ZF	39.95	20 C 9361 ZF	49.95

20 C 9461 XF Custom Mount Panel. Wt., 4 lbs. 2.95

Allied Ensemble with Extra-Spaci
Cabinet in Kit or Assembled For

3-Piece Ensemble Kit **$179⁸⁵** **$9 monthly**

Three-Section Equipment Cabinet Kit **$109** **$6 mont**

Luxurious ensemble features the Allied 1580 three
tion equipment cabinet and Allied 1511 speaker e
sures. Separate compartments for turntable and
corder have lift-lids. Removable motor boards.
reflex speaker enclosures have ducted ports for enh
ing bass. Baffles precut for 15" speakers; adapte
12" speakers also included. Brown grille cloth.
construction. Oiled walnut veneer.

Equipment cabinet, 27¼x57⅛x17¼". Each spe
enclosure, 27¼x18¼x17¼". Kits have pre-drilled h
assemble quickly and easily with just a screwd
Sanded, ready for application of quick-drying w
finishing oil, included. With instructions. Assem
cabinets finished in oiled walnut. Shipping informa
below.

Item	Wt., Lbs.	Kit Ready-to-Finish		Assembled, Finis	
		Stock No.	EACH	Stock No.	
Ensemble	245	20 C 9366 L3ZF	179.85	20 C 9367 L3ZF	24
Cabinet	135	20 C 9358 ZF	109.95	20 C 9362 ZF	15
Enclosure	55	20 C 9357 ZF	39.95	20 C 9361 ZF	4

20 C 9460 XF. Custom Mount Panel. 4 lbs. . . . .

SHIPPING INFORMATION

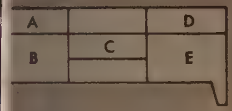
Furniture is shipped by truck or express from Stevens
Wisconsin (shipping charges collected by carrier on
ery). Allow 30 days for kits, 45 days for assembled
Sorry, no C.O.D. orders.

ALLIED Hi-Fi Furniture Assures You of Top Quality at Low

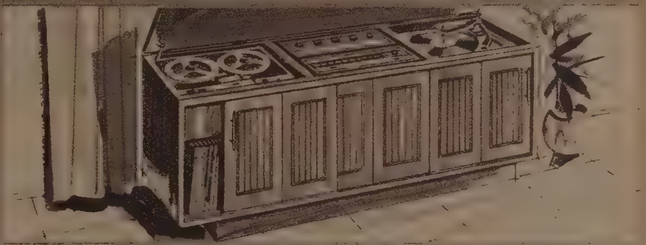
esigned for Any Component System

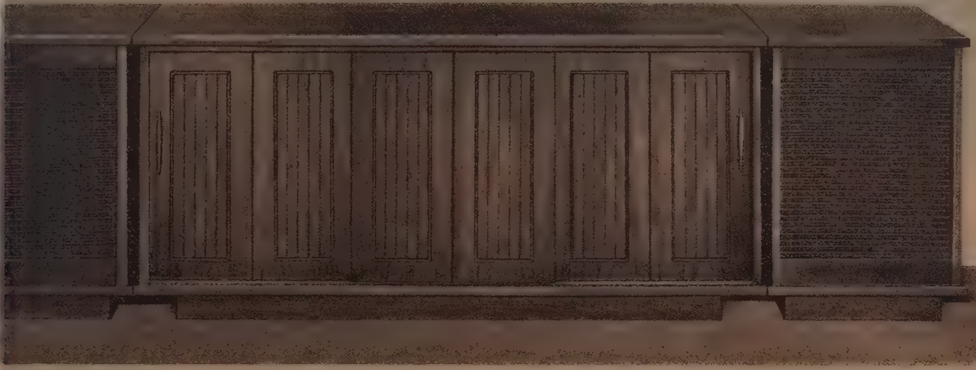
NEW at ALLIED

OVIDE EXCELLENT ACOUSTICS FOR YOUR HI-FI



sections are 17⅞″ wide. A and 9″ high (6″ above board, 3″ ow), 14½″ deep. B and E: 12¾″ h, 15¼″ deep. C is 21¾″ high, ¼″ deep.





ied 3-Piece Contemporary Top Load nsemble in Kit or Assembled Form

ee-Piece semble Kit $214.85 **Three-Section Equipment Cabinet Kit** $129.95

$11 monthly $7 monthly

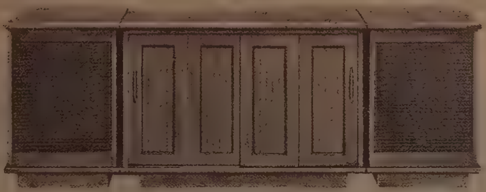
dsomely-styled ensemble enhances your room decor e the special design provides excellent acoustics for hi-fi speakers. Easily accessible separate recorder turntable compartments beneath lift-top lid. Re-able motor boards. Bass-reflex speaker enclosures. fles precut for 15″ speakers; adapters for 12″ speak-included. Storage space for 200 LP's, with record port wires. Fully enclosed base. ¾″ walnut veneer. ed 1505 equipment cabinet, 26¼x57⅝x18¼″. Allied speaker enclosures, each 26¼x18¼x18¼″. All you l is a screwdriver to assemble kits. Pre-drilled holes, led, ready-to-finish with quick-drying walnut finish-oil, included. Complete with custom mounting els. Instructions. Shipping information below. embled cabinets finished in oiled walnut.

em	Wt., Lbs.	Kit, Ready-to-Finish		Assembled, Finished	
		Stock No.	EACH	Stock No.	EACH
mble	262	20 C 9309 L3ZF	214.85	20 C 9314 L3ZF	304.85
net	146	20 C 9306 ZF	129.95	20 C 9311 ZF	199.95
osure	58	20 C 9308 ZF	49.95	20 C 9313 ZF	59.95

SHIPPING INFORMATION

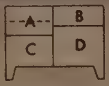
iture is shipped by truck or express from Stevens Point, consin (shipping charges collected by carrier on delivery). w 30 days for kits, 45 days for assembled units. Sorry, O.D. orders.

New Allied 3-Piece Hi-Fi Ensemble



3-Piece Top Load Ensemble Kit $189.95

$10 monthly



All 17⅞″ Wide A. C: 21¾″ high. 14½″ deep. B: 9″ high, (6″ above board, 3″ below)14½″ deep D: 12¾″ high, 15¼″ deep.

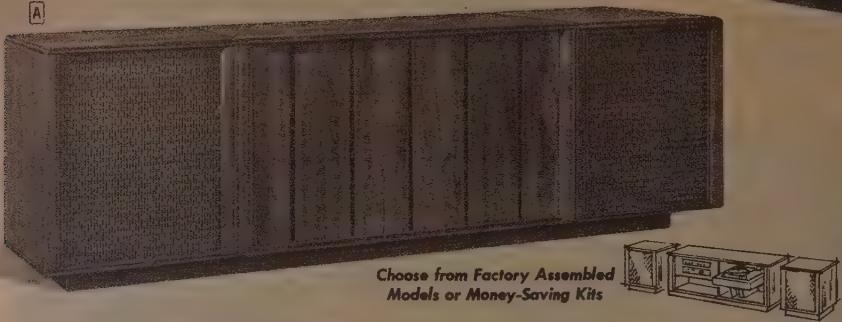
Two-Section Equipment Cabinet Kit $99.95

$5 monthly

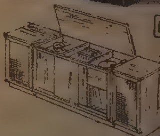
Allied 3-piece top loading ensemble or 1506 two-section equipment cabinet and 1507 speaker enslosures separately. Kit or assembled. ¾″ construction. Stores 100 LP's. Cabinet 26¼x39x18¼″. Enclosure, 26¼x18¼x18¼″. Precut for 15″ speaker, with 12″ adapter. Assembled, oiled walnut finish.

Item	Wt., Lbs.	Kit, Ready-to-Finish		Assembled, Finished	
		Stock No.	EACH	Stock No.	EACH
Ensemble	218	20 C 9310 L3ZF	189.85	20 C 9315 L3ZF	259.85
Cabinet	102	20 C 9307 ZF	99.95	20 C 9312 ZF	149.95
Enclosure	58	20 C 9308 ZF	49.95	20 C 9313 ZF	59.95

Custom-Crafted Furniture for Your Hi-Fi



Choose from Factory Assembled Models or Money-Saving Kits



Smart, Modern Stylin
with Beautiful Finishe
plus Ample Space fo
all System Component

A Barzilay "Design Five" 3-Piece Ensemble

Kit Form **$259^95** **$13 monthly**

Contemporary Styling with Tambour Door in a Smart Ensemble

Expertly crafted ensemble in ready-to-finish kit-form with finishing kit supplied, or factory-assembled with walnut veneer. Cabinet, 48" w. Record player drawer, 20"w., 15"d. Amplifier/tuner section, 20"w., 24½"h. Enclosures for up to 15" speakers, have panel for *tunable ducted-port*, deluxe grille, are 29x24x18". Equipment cabinet, 29x48x18". *Shpd. from California, see note below.*

20 C 9005 L2ZF. Ensemble Kit. 265 lbs. *$13 Monthly*. 259.95
20 C 9006 L2ZF. 700E Assembled Ensemble. 265 lbs. . . . 359.50
20 C 9007 ZF. K71 Eqpt. Cabinet Kit. 110 lbs. 159.95
20 C 9010 ZF. 761 Eqpt. Cabinet, Assembled. 135 lbs. . . 199.50
20 C 9008 ZF. K72 Spkr. Encl. Kits. 160 lbs. . . . . Pair 114.95

B Barzilay "Design One"/b Deluxe Ensembl

Kit Form **$279^95** **$14 monthly**

Grain-Matched American Black Walnut, Hand-Rubbed Oiled Finish Finely Crafted for Lasting Beauty

Full-width lift top. Top center, 18¼" wide, 15½" dee
Top left and right, 18¾" w., 23" h. Lower left and righ
18¾" w., 13" h., center, 18¼" w., 21¼" h. Overall cabine
28¾x58½x18½". Tunable ducted-port enclosures for 12
or 15" speakers. Each, 28¾x22x18½". Kits in ready-t
finish form with finishing kit supplied. *Shpd. from Calif*
see Shpg. Note below. Ensemble wt., 280 lbs.

20 C 9151 L2ZF. 3-Pc. Ensemble Kit. *$14 Monthly*. . . . 279.9
20 C 9152 L2ZF. 3-Pc. 100E/b Assembled Ensemble . . . 399.9
20 C 9153 ZF. K61/b Eqpt. Cabinet Kit. 160 lbs. 167.9
20 C 9155 ZF. 161/b Assembled Eqpt. Cabinet. 249.9
20 C 9154 ZF. K62/b Spkr. Encl. Kits. 120 lbs. . . . . Pair 114.9

Stores Over 100 LP's

Rockford 3-Piece Contemporary Ensemble

Factory Assembled **$308^50** **$15 monthly**

Simple Lines—Handsome Styling for Any Decor

Sliding doors and lift-top. Overall 29¼x41x19⅜". Sections are 19⅛x16⅜". Left shelves adj. Upper left section for tape deck or amp/tuner. Phono section at upper right, stores over 100 LP's below. Oiled walnut finish. Baffled and ported enclosures each 29¼x19½x19⅜"; up to 15" spkrs.; 1" fiber-glass lined. *Shpd. from Rockford, Ill., see Shpg. Note below.* Ensemble wt., 234 lbs.

20 C 9025 L3ZF. 3-Pc. Ensemble. *$15 Monthly*. 308.50
20 C 9026 ZF. 220 Eqpt. Cabinet. 112 lbs. 189.50
20 C 9027 ZF. 280 Spkr. Enclosure. 61 lbs. . . . . Each 77.50

NEW Stores Over 200 LP's

Gamber-Johnson 3-Piece 3-Section Ensemble

Factory Assembled **$319^85** **$16 monthly**

Designed with Custom Mounting Panels for Complete Versatility

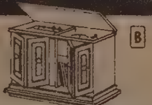
Oiled walnut veneer. Front and top access to center se
tion, 14¾x18¾x14" with adj. height. Top access
recorder and turntable sections, 9x17⅝x14¾". 3-sectio
storage area, below. Overall, 28½x58x18⅛". Enclosure
28½x20⅛x18⅛", for 12" or 15" spkr. *Shpd. from Steven*
Point, Wisc. Ensemble wt., 215 lbs.

20 C 9047 L3ZF. 3-Pc. Ensemble. *$16 Monthly*. 319.8
20 C 9048 ZF. GJ934 Eqpt. Cab. 3 section. 135 lbs. 189.9
20 C 9049 ZF. GJ932 Spkr. Encl. 40 lbs. . . . . Each 64.9
20 C 9059 ZF. GJ931 Eqpt. Cab. 2 section. 94 lbs. 139.9

SHIPPING NOTE: All furniture shipped truck or express from factor
Allow at least 45 days for delivery. Sorry, No C.O.

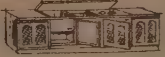
yled to mplement ur Decor

A



B

Easy Component Access, Ample Record Storage



Fully Assembled Furniture in Expensive Wood Finishes

arzilay 300E Mediterranean 3-Pc. Ensemble

499.50
21 monthly

Luxurious Mediterranean Styling, Hand-Made Wood Grille Bound by Solid Oak or Walnut Arches

rbly crafted 3-piece ensemble in luxurious Mediter- an styling. Features hand-made wood grille, bound by ful arches of solid oak or walnut. Equipment cabi- offers lift-top access to turntable, tape deck and ifier/tuner sections: 17" deep, 18¾" wide (18⅜" in r). Storage space below. Ensemble, 29x96x20" deep. -reflex enclosures 29x19½x20" deep, take 15" or 12" kers. **Specify**—oiled walnut; tawny, fruitwood; or que oak. *Shpd. from Calif., see Note.*

9018 CL2ZF. 3-Piece Ensemble. 296 lbs.........**499.50**
9019 CZF. 3061 Equipment Cabinet. 171 lbs......**279.50**

B Rockford 3-Piece Mediterranean Ensemble

$388.50
$18 monthly

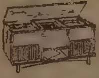
Styled in Genuine Oak with Rich Open-Grain Satin Lacquer Finish

Elegantly styled 3-piece Mediterranean ensemble in beautifully finished genuine oak. Double-hinged folding doors have decorator styled door pulls, magnetic latches. Full lift top. Upper left, 19x16¼", adj. height. Upper right, 6½x19x16¼". Storage space below. 920 cabinet overall, 30½x45x21". 980 speaker enclosure, 30½x23½x21". Takes up to 15" speaker, with 12" adapter. *Shipped from Rockford Ill., see Shpg. Note below.* 239 lbs.

20 C 9104 L3ZF. 3-Pc. Ensemble. *$18 Monthly.*......**388.50**
20 C 9105 ZF. 920 Cabinet Alone. 125 lbs............**237.50**
20 C 9106 ZF. 980 Speaker Enclosures. 57 lbs........**Ea. 97.50**

NEW

Full Lift Top—Storage Space for Over 200 LP's



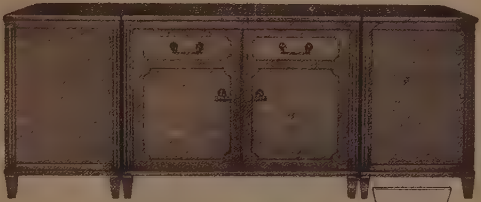
amber-Johnson Early American Ensemble

$359.85
$17 monthly

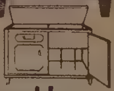
Charming Colonial Styling, Genuine Hardwood Veneer, Harvest Maple Finish

el 924 cabinet overall, 27½x59x18⅝". Center, 14¾x x14". Sides, 9x17⅝x14¾". Record storage below. el 922 enclosures (for 12" or 15" speakers), 27½x x18⅝". *Shpd. from Stevens Point, Wis.* 238 lb.

9060 L2ZF. 3-Pc. Ensemble (3-Sec. Cab.)......**359.85**
9062 ZF. 924 3-Section Eqpt. Cab. 142 lbs.......**209.95**
9071 ZF. 3-Pc. Ens. (2-Sec. Cab.) 201 lbs.........**304.85**
9073 ZF. 921 2-Section Eqpt. Cab. 105 lbs......**154.95**
9063 ZF. 922 Speaker Enclosure. 48 lbs.........**Ea. 74.95**



3-Piece Ensemble with 2-Section Cabinet



Rockford Italian Provincial Ensemble

$328.50
$16 monthly

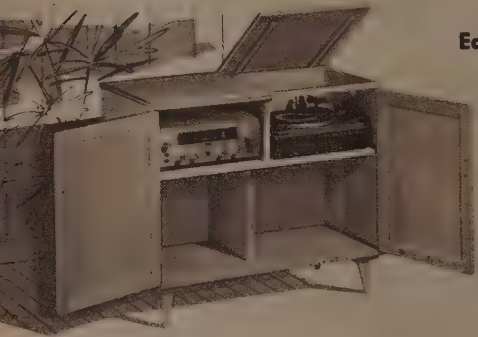
"Custom-Look" Styling Captures the Elegance of the Period in a Warm Fruitwood Finish

Lift top, hinged doors with magnetic latches. Upper left, 19x16¼x6½", with adj. shelf, blank panel. Upper right, 19x16¼x6½". Storage space below. Matching speaker enclosures take up to 15" speaker. Baffled and ported, 1" acoustical fiber glass lining. Cabinet, 41" w.; enclosures, 20" w.; all 19" dp. x 31" h. *Shpd. from Rockford, Ill.*

20 C 9034 L3ZF. Wt., 148 lbs. *$16 Monthly.*........**328.50**
20 C 9033 ZF. Model 320 Cabinet Alone. 104 lbs......**197.50**
20 C 9107 ZF. 380 Speaker Enclosures. 56 lbs.....**Ea. 82.50**

PPING NOTE: All furniture shipped truck or express from factory. Allow at least 45 days for delivery. Sorry, No C.O.D.

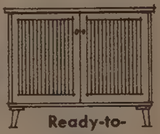
Smart Hi-Fi Cabinets at Low Allied Prices



Equipment/Record Cabinet

$23 95 less components

$5 monthly



Ready-to-Finish

3-Section Equipment Cabinet. High-quality Ponderosa pine equipment/record cabinet, sanded and ready for you to stain or paint. Save money, and finish it in the color of your own choice. Top compartments, each 9¼x17x15⅞"; lower, 13⅜x34½x15⅞". Overall size, 30x36x18" deep, including 6" legs. Shpg wt., 43 lbs. Shipped express.
20 C 9143 Z. *$5 Monthly*................................23.95

$9 95

Contemporary Record Cabinet. Smart all-purpose cabinet blends well with nearly any modern decor. Offers generous storage space for records. Sturdy construction features stain and scar resistant walnut-like finish. Storage section has sliding doors, holds up to 150 LP's. Matching brass hardware. 25x30x16". Shipped knocked-down. Express.
20 C 9024 Z. Shpg. wt., 12 lbs.......9.95

$19 95 $5 monthly

Contemporary Record Cabinet. Handsomely styled. Four smooth-sliding doors conceal storage space holding up to 225 LP's. 3-brass-plated record dividers. Stain, scar-resistant walnut-like finish. 25x40x17½". Shpd. knocked-down. Express. Shpg. wt., 24 lbs.
20 C 9023 Z. *$5 Monthly*.......19.95

$29 95 $5 monthly

New! Record Cabinet/Room Divider. Flush-with-floor 1-tier cabinet stores 225 LP's. 35½x14x31" h. Beautifully styled with walnut grain finish. Use several together. *48" h. †20" h.
20 C 9040 Z. 43 lbs. *$5 Monthly*.29.95
20 C 9042 Z. With 2 Tiers.* 58 lbs. 34.95
20 C 9041 Z. Without Tier.† 30 lbs.. 24.95

$39 95 $5 monthly

Deluxe Contemporary Record Cabinet. Striking contemporary design will blend with almost any modern decor. Solid veneer construction with walnut-like finish. Mar-proof formica top is virtually indestructible. Stores 175 LP's. 25x27x18". Exp. 55 lbs.
20 C 9043 Z. *$5 Monthly*.......39.95

Adds a Touch of Elegance

$49 95

$5 monthly

New! Mediterranean Record Cabinet. Carefully constructed of solid-oak veneer and superbly finished in rich pecan. Easily maintains a high lustre. Boasts two strikingly detailed doors with period matched hardware. Truly functional, it holds up to 200 LP's. Size, 25x28x16". Express. Shpg. wt., 50 lbs.
20 C 9044 Z. *$5 Monthly*..........49.95

Record Cabinet

$59 95 less records

$5 monthly

Shown closed

Mediterranean Record Cabinet. Striking hexagonal cabinet with selected pecan-finished oak veneers. 2 magnetic-latch doors. Storage space holds up to 200 long-playing records. Hand-woven lattice veneer on doors, antique finish hardware. Removable record rack. 21x28x24".
20 C 9021 Z. Express. Shpg. wt., 52 lbs. *$5 Monthly*..............59.95

Buy With No Money Down on Allied's Credit Fund Plan

uality Hi-Fi Stereo Headphones

ALLIED

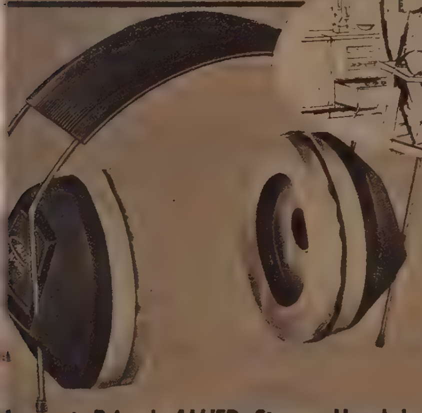
Volume Control on Each Earphone

ost Popular *ALLIED* Stereo Headphones

- 16-16,000 Hz Response
- Separate Volume Controls
- Removable Ear Cushions

$\$19^{95}$
$5 monthly

llied H876. Get full stereo realism without the need
sit in a fixed listening area. Individual volume/
alance control for each ear assures stereo realism.
as dynamic driver elements to surround you with
ll-range stereo. Soft polyfoam ear cushions lockout
oom noise and let you listen with full comfort. Stain-
ss steel headband adjusts to fit anyone. Cushion and
eadbands are removable and of easy to clean vinyl.
requency response, 16-16,000 Hz. 3-16 ohm impedance
atches any stereo amplifier. Brown and tan. 8-foot
ord, standard ¼" plug. Shpg. wt., 1¼ lbs.
C 9508. *$5 Monthly*........................19.95



Lowest Priced *ALLIED* Stereo Headphones

- 30-15,000 Hz Response
- Foam Rubber Headband
- Removable Earcups

$\$11^{95}$

llied H878. Quality stereo headphones at a money-
aving low price. Literally surround you with full-range
tereophonic sound. Comfortable vinyl ear cups seal
ut nearly all room noises; easily removed for cleaning.
inyl-covered foam rubber headband let you listen with-
ut any feeling of fatigue. Large 3½" transducers in
ach earcup. Frequency response is 30-15,000 Hz. Imped-
nce 3-16 ohms to match any stereo amplifier. Charcoal
ray color. 8 foot cord and standard ¼" phone plug.
hpg. wt., 1¼ lbs.
0 C 9579..11.95

Volume and Tone Controls for Each Earphone

Finest *ALLIED* Stereo Headphones Ever

- 15-20,000 Hz Response
- Earseals Lock-Out Noise
- Stainless Steel Headband

$\$34^{50}$
$5 monthly

Allied H885. Superbly engineered to tailor sound to your individual pleasure. Separate tone and volume controls in each earpiece adjust for listening perfection—placing you in the center of the brilliant, multi-dimensional sound of stereo. Headset is designed with moving coil dynamic transducers to give a full frequency range of 15-20,000 Hz. Cushioned, stainless steel headband and polyvinyl chloride earseals assure a comfortable airtight fit. Impedance 8 ohms. Complete with 8-ft. cord and ¼" plug. Shpg. wt., 2 lbs.
20 C 9580. *$5 Monthly*..........................34.50

Extension/2-Headphone Cord

Allied H881, extension cord and two-headphone adapter. Plugs into headphone jack of receiver or amplifier. Jacks for 2 stereo headphones. 20-foot cord. Shpg. wt., 1½ lbs.
20 C 9581.......7.95

$\$7^{95}$

ALLIED H879 Remote-Control Stereo Headphone Unit

GAIN
SPEAKERS
ALLIED H-879
STEREOPHONES

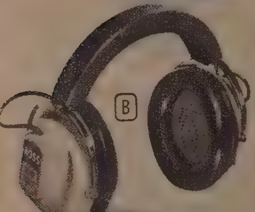
Use With or Without Speakers

$\$9^{95}$

Remote control unit lets you adjust volume of two headphones from your chair. 2 volume controls. ¼" jacks. 2¾x4x2". Cable below.
20 C 9577. Wt., 1 lb.........9.95
55 C 7508. 5-Conductor Cable. Wt., ½ lb..............25-ft. Roll 1.60

Koss Hi-Fi Stereo Headphones

$49.00
$5 monthly



$34.25
$5 monthly

NEW
$26.00
$5 monthly

A Pro-4A "Stereophones"

Deluxe quality stereo headphones provide full-fidelity private listening. Dynamic transducer in each earpiece reproduces full-range sound. Soft fluid-filled earcushions and adjustable headband for maximum comfort. Shatterproof construction. 20-20,000 Hz. 4-16 ohms. 10-ft. coiled cord, standard plug. Shpg. wt., 2 lbs.
20 C 8356. *$5 Monthly*..........49.00
20 C 8044. Pro-600A. As above, but 600 ohms. 2 lbs. *$5 Monthly*..........53.90

B KO-727 "Stereophones"

Make stereo listening a personal experience with these fine stereo headphones. Accept up to 60 watts per channel from any normal program source. For any system with 4, 8 or 16 ohms output. Adjustable headband and foam-filled earcushions. Cushions remove for easy cleaning. Response, 40-15,000 Hz. High external noise cancellation. Distortion less than 1%. With 8-ft. coiled cord, plug. 2 lbs.
20 C 8019. *$5 Monthly*..........34.25

C New KG-6 "Stereophones"

Provide breathtaking full-dimensional sound with outstanding realism. Accept up to 60 watts per channel from any normal music program source. Padded headband and vinyl-covered foam-filled earcushions. Lightweight (only 15 oz.), lets you listen for hours in complete comfort. Earcushions are removable for easy cleaning. Frequency response, 10-15,000 Hz. Impedance, 4-16 ohms. 8-ft. cord, plug. 2 lbs.
20 C 8358. *$5 Monthly*..........26.00

New Low Price
$19.95
$5 monthly

SP-3XC "Stereophones"

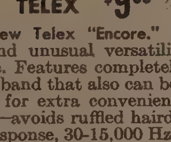
Was $24.45 in Last Year's Catalog. 3½" dynamic element per earpiece. Foam-cushioned earcups. Rugged plastic headband. 20-16,000 Hz. 4-16 ohms. With 8′ cord, plug. 2 lbs.
20 C 8357. *$5 Monthly*..........19.95
SP-5SM. As above, but with lavalier-type stereo/mono switch. 20-15,000 Hz. Impedance, 4-8 ohms. 2½ lbs.
20 C 8030. *$5 Monthly*..........19.95

T-10 Control Box. Control stereo headphones right from your chair. Accepts two pairs of phones; volume control for each phone, speaker cutoff switch. Walnut case, 6¼x4⅝x2⅝". 4-16 ohms.
20 C 8045. *$5 Monthly.* 2 lbs.....24.95

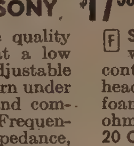
T-5 Control Box. (Not illus.) Volume control, speaker cutoff switch, 2 stereo/mono phone jacks. 4-16 ohms.
20 C 8031. 5⅞x3⅛x2⅞". 1 lb.....9.95

T-1 Hookup Box. (Not illus.) Match SP-3XC, SP-5SM above to 600-10K ohms.
20 C 8032. 6¼x3¾x2". 8 oz.......7.95

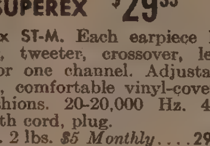
Famous Stereo Headphones for Every Purpose and Budget



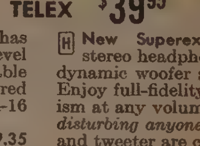
TELEX $9.95



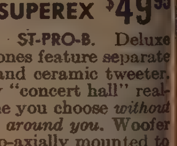
SONY $17.50



SUPEREX $29.35



TELEX $39.95



SUPEREX $49.95

D New Telex "Encore." Fine quality and unusual versatility at a low price. Features completely adjustable headband that also can be worn under chin for extra convenience and comfort—avoids ruffled hairdos. Frequency response, 30-15,000 Hz. Impedance, 8 ohms. With 8-ft. cord and standard plug. Shpg. wt., 1 lb.
20 C 8367..........9.95

E Sony DR-3A. Offer you excellent stereo reproduction and realism at modest cost. Lightweight phones with special easy-wear earcushions and adjustable padded headband for extra comfort. Frequency response, 20-20,000 Hz. Impedance, 8 ohms. With cord, standard ¼" plug. From Japan. Shpg. wt., 2 lbs.
20 C 8024..........17.50

F Superex ST-M. Each earpiece has woofer, tweeter, crossover, level control for one channel. Adjustable headband, comfortable vinyl-covered foam cushions. 20-20,000 Hz. 4-16 ohms. With cord, plug.
20 C 8420. 2 lbs. *$5 Monthly*....29.35
20 C 8423. STM-2H. Above, but matches 200-15,000 ohms. 2 lbs..........35.00

G Telex "Serenata." Was $59.95 in Last Year's Catalog. Save $20.00 now. Tone control lets you tailor sound to your own personal taste. Liquid-filled earcushions with earcup pressure adjustment. Adjustable headband. Frequency response, 20-20,000 Hz. Impedance, 4-16 ohms. With padded vinyl carrying bag, 8-ft. detachable cord, plug. Shpg. wt., 2½ lbs.
20 C 8353. *$5 Monthly*..........39.95

H New Superex ST-PRO-B. Deluxe stereo headphones feature separate dynamic woofer and ceramic tweeter. Enjoy full-fidelity "concert hall" realism at any volume you choose *without disturbing anyone around you.* Woofer and tweeter are co-axially mounted to produce a compact, lightweight headset that literally surrounds you with a "you-are-there" performance.

Thick vinyl-covered foam earcushions block out external noise, can be removed for cleaning. Padded spring-steel headband is fully adjustable to provide exact fit for anyone. Frequency response, 18-22,000 Hz. Impedance, 4-16 ohms. Ready-to-use with 7-ft. cord, standard ¼" plug and two cotton-knit earcushion covers.
20 C 8359. *$5 Monthly.* 2 lbs.....49.95

New! Guitar, Amp Outfits—Save Up to $30.00

NEW
Smith's Modern Electric Bass Guitar Method

Save $10.00

Complete Bass Guitar Outfit*

- Solid-Body Bass Guitar
- 15-Watt† Solid-State Amp
- Top-Mounted Amp Controls

$99.90
$5 monthly

rately $109.90. Single-pickup solid-body bass guitar adjustable maple neck, bridge. Rosewood fingerboard. oise-shell plastic guard. Volume, tone controls. Red urst. 40½x14x1¾". 15-watt† solid-state amplifier has volume controls, 3 inputs, one 8" speaker. 17x16x6". . wt., 24 lbs. From Japan.

0105. L2U. Outfit. *$5 Monthly*	99.90
4632 U. Guitar Alone. Shpg. wt., 10 lbs.	59.95
4601 U. Amplifier Alone. Wt., 14 lbs.	49.95
4633 X. Guitar Case. Wt., 4 lbs.	10.95

2-Pickup Solid-Body Guitar Outfit*

Save $15.00

$79.90
$5 monthly

- Torsion-Bar Tremolo
- Adjustable Neck
- Adjustable Bridge
- Solid-State Amplifier
- 10-Watt Output†
- Top-Mount Amplifier Controls

ately $94.90. Guitar with volume, tone controls; rose- fingerboard; tortoise shell pick guard; steel-rein- Canadian maple neck; 8-way bridge. 37½x13x1". 10- solid-state amplifier with 8" speaker, 3 inputs, vol- and tone controls. 15⅞x15⅝x7½". Japan.

0102 L2U. Outfit. Wt., 22 lbs. *$5 Monthly*	79.90
724 U. Guitar Alone. Shpg. wt., 11 lbs.	54.95
725 U. Amplifier Alone. Shpg. wt., 10 lbs.	39.95
727 U. Guitar Case. Shpg. wt., 5 lbs.	10.95

Save $30.00

4-Pickup Guitar Outfit,* Case, 10-W† Amplifier

$109.90
$6 monthly

- Solid-Body Guitar with Muffler, Bar Tremolo
- Solid-State Tremolo Amp

Separately $139.90. Guitar with torsion-bar tremolo, adj. steel-reinforced neck. 8-way bridge, rosewood fingerboard, tortoise shell plastic guard. Vol., tone controls. Red sunburst. 40½x14x1¾". 10-watt† solid-state amplifier has 8" speaker; top-mounted speed, vol., tone, modulation controls; 2 tremolo, 1 mike inputs; foot switch jack. 7½x15⅝x15⅞". Guitar case. Japan.

10 C 0101 L2U. Outfit. Wt., 30 lbs. *$6 Monthly*	109.90
10 C 4720 U. Guitar, Case, Accessories. 16 lbs.	79.95
10 C 4722 U. Amplifier Alone. Wt., 12 lbs.	59.95

NEW

Acoustic Electric Guitar Outfit,* Case, 10-W† Amp

Save $20.00

$89.90 $5 monthly

- 2-Pickup Tremolo Guitar
- Solid-State Amplifier

Separately, $109.90. Hollow body electric guitar has 2 adjustable pickups, adjustable steel-reinforced laminated Canadian maple neck. 39x15x1½". 10-watt† solid-state amplifier; 8" speaker; top-mounted volume and tone controls; 3 inputs. 15⅝x15⅞x7½". Deluxe guitar case. Japan. 30 lbs.

10 C 0103 L2U.	89.90
10 C 4726 U. Guitar and Case Alone. 15 lbs.	69.95
10 C 4725 U. Amplifier Alone. Wt., 10 lbs.	39.95

OTE: **Outfits Include Leather Neck Strap, Instruction Book with Record and Chord Chart. Connecting Cable. †Wattage Output Shown is Peak Music Power Rating.*

Music and Voice Amplifiers

A **100 Watts* with Tremolo and Reverb** 199^{95} $10 monthly

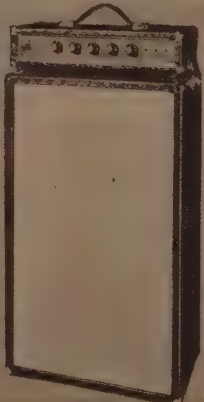
B **45-Watts*; Tremolo** 109^{95} $6 monthly

A New 100-Watt* Amp with Reverb, Tremolo

Our best "Piggyback" with two 12″ speakers, 4″ tweeter. Dual-channel amplifier has two sets of bass, treble and volume controls. Four-input solid-state preamp. Channel 1 has tremolo with modulation and speed controls, plus reverb with fade and reverb controls. Channel 2 is a straight amplifier. Dual foot switch to operate tremolo and reverb with amplifier control box. Pilot light and fuse. Tuned-port enclosure has two heavy-duty 12″ Jensen speakers and 4″ tweeter. Two transistors, 5 diodes, 8 tubes. Amplifier, 8x26½x10½″. Speaker enclosure, 21½x26½x10½″. For 117 VAC.
10 C 4797 Z. Shpg. wt., 60 lbs. *$10 Monthly* **199.95**

B **New 45-Watt* Amplifier with Built-In Tremolo.** All top-mounted controls and inputs. Features tremolo with speed and modulation controls. 12″ Jensen speaker. Four inputs. Two channels with separate tone and volume controls. 22x18x9″. For 110-120 V, 60 Hz AC.
10 C 4798 U. Shpg. wt., 28 lbs. *$6 Monthly* **109.95**

80-Watt* Solid-State Amp
C 159^{95} $8 monthly



35-Watt* Piggyback Amp
D 79^{95} $5 monthly

80-Watt* Bass Piggyback Amp
E 179^{95} $9 monthly

50-Watt* Bass Piggyback Amp
F 99^{95} $5 monthly

G **80-Watt* Vocal Music 3-pc. System**
199^{95}
$10 monthly

C **80-Watt* Solid-State Amp/Reverb.** Two 12″ speakers, plus tweeter. Reverb with variable control; tremolo with speed and intensity controls; "E" guitar tuner. Two channels with two inputs in each, separate tone and vol. controls, tremolo, reverb foot sw. jacks. 32x18x9½″. 117 VAC.
10 C 4799 U. Wt., 48 lbs...... **159.95**

D **35-Watt* Piggyback Amplifier.** Features built-in tremolo and reverb: 3 inputs. Volume, bass, treble, and depth controls. Foot switch jack, on-off switch, pilot light. 40-10,000 Hz. Amplifier, 4x15x5¾″. Two wide-range 10″ speakers in 26x15x8″ enclosure. 117 VAC. From Japan.
10 C 4692 U. Wt., 30 lbs....... **79.95**

E **80-Watt* Piggyback Bass Amplifier.** Two 12″ speakers are specially designed to reproduce rich, clean bass at full output. Features 3 inputs, volume and tone controls, anti-hum switch, power switch, pilot light. Amplifier, 8½x18x9½″. Speaker enclosure, 32x18x9½″. 117 VAC.
10 C 4764 Z. Wt., 60 lbs..... **179.95**

F **50-Watt* Piggyback Bass Amplifier.** Features tremendous 15″ speaker for finest bass reproduction. Has 2 inputs; volume, treble, bass controls; pilot light; power switch; fuse holder. 4 dual-purpose tubes, 2 diodes. Amplifier, 4½x17½x9″. Speaker, 24x17½x9″. 117 VAC. Japan.
10 C 4773 U. Wt., 38 lbs....... **99.95**

G **80-Watt* Solid-State Vocal Amplifier System.** Perfect balanced sound for groups or solo vocalists. Features master control unit and two speaker systems. Systems each have two 12″ specially-designed speakers and one high-frequency speaker. 32x18x9½″. Control unit has two high-impedance mike inputs, each with volume and tone control. External reverb input. Power switch, pilot light. 8½x18x9½″. 117 VAC. Shpd. exp. from Chicago warehouse.
10 C 4774 ZF. Shpg. wt., 100 lbs. *$10 Monthly* **199.95**

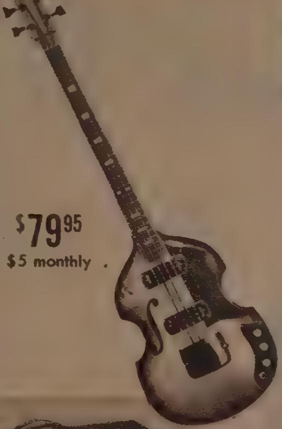
*Rated Peak Music Power

strument, Accessory Values

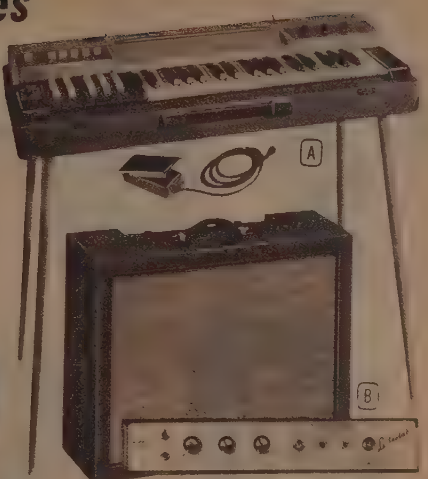
lin-Shaped Bass Guitar

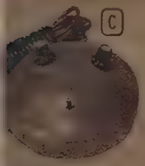
uality Semi-Acoustic Design
olume, Separate Tone Controls
wo Adjustable Pickups

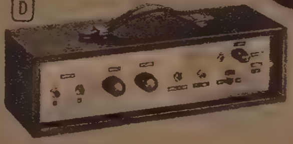
rument gives the guitarist tra- nal performing excellence plus latest in design. Looks like a n, but it's actually a full-size -acoustic bass guitar. Crafted uality woods: arched spruce maple body. Canadian maple , ebony fingerboard. Features stable bridge, two adjustable ups, volume and separate tone rols. 41x11x2". With leather). Honey brown. From Japan. g. wt., 11 lbs.
4582 X. *$5 Monthly*...79.95
4590 X. Guitar and Case. Shpg. 16 lbs. *$5 Monthly*.....89.95



$79.95
$5 monthly







95

$29.95 $5 monthly

ew Fuzz Box for Far Out Sounds! All-metal saucer- aped unit introduces "fuzzy" sound effect to any lifier. Attack control varies effect. Volume con- foot switch. Three transistors. Input and output s. Diameter, 5¾". With connecting cable and 9-V ery. From Japan. Shpg. wt., 2 lbs.
4580 S...14.95
5980. Extra 9-V Battery. Uses 1.......Pkg. 2/59¢

olid-State Reverberation Unit. Can be used to en- ance the sound from any musical instrument ampli- or Public Address amplifier. Has both high-gain low-gain inputs; 1 output jack. Reverberation y control. With foot switch jack. Fuse and pilot t. 3½x15x5". Japan. For 110-120 VAC.
4629 S. Shpg. wt., 6 lbs. *$5 Monthly*......29.95

A Electronic Combo Organ with Bass Coupler

$299.95
$15 monthly

- Flute, Wood, Brass, String, Reed Voices
- 49-Key Four-Octave Keyboard
- Removable Legs • With Foot Pedal, Case

Your combo *comes alive* with this portable organ! 49-key four-octave "C" scale. Coupler drops bass octave to "G." Five voices: flute, wood, brass, string, and reed. Volume can be controlled from keyboard or foot pedal. Controls: vibrato-off, vibrato-speed, balance, on-off/volume. With removable legs, foot pedal, amplifier cord, carrying case, vinyl cover. 5½x31½x14" closed. Less amplifier. Order amplifier below for best performance. 117 VAC. From Japan. Shpd. exp. from Chicago warehouse.
10 C 4634 ZF. Shpg. wt., 55 lbs. *$15 Monthly*......299.95

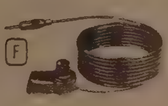
B Deluxe 75-Watt* Two-Input Bass Amplifier

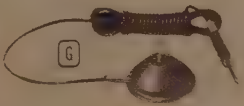
Save $10.00

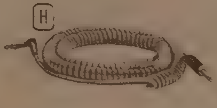
$139.95
$7 monthly

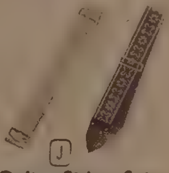
- For Organs and Bass Guitars
- One 3½", Two 12" Jensen Speakers
- Separate Bass, Treble, Volume

Was $149.95. Perfect amplifier for organ above—great for bass guitars, too! *75-watt peak music power. 4 tubes, 5 silicon rectifiers. 21½x26½x10½". 117 VAC.
10 C 4628 U. Shpg. wt., 48 lbs. *$7 Monthly*.......139.95









Guitar Mike. Add versatility to your electric guitar with an extra pick- Separate volume, tone controls. unts under strings without special chments. Chrome-plated parts. 8′ le. phone plug. High impedance.
9270. Shpg. wt., 12 lbs. ...6.95

nstrument Contact Mike. Clip-on mike converts your acoustic guitar an expensive-sounding electric ar. Volume control. Molded plug, hielded cable. Hi-Z. Japan.
9002. Shpg. wt., 8 oz.......1.88

On-Off Foot Switch. Non-skid heavy ubber body. 9′ cord; phone plug.
9344. Shpg. wt., 2 lbs. 3.95

H Flat-Plug Coiled Guitar Cords. Shielded cable has amplifier phone plug on one end, guitar right-angle plug on the other. Shpg. wt., 8 oz.

Stock No.	Length, Ft.	EACH
24 C 9279	10	2.19
24 C 9280	15	2 69
24 C 9205	20	3.19
24 C 9281	25	3.69

J Guitar Straps. Replace your old worn guitar strap or dress up your guitar outfit with a durable, handsomely styled new strap. Adjustable.
24 C 9345. Chrome-plated Metal Mesh Strap. 3" wide. Wt., 8 oz... ....9.95
24 C 9346. Woven Design with Leather Trim. 3" wide. Wt., 8 oz.... ..4.95

Gibson Guitar String Sets

(Not illus.) Thoroughly-tested guitar strings—most popular with professional musicians. Packaged to retard corrosion, preserve freshness. Sets of 6 strings, except †4 strings.

Stock Number	Mfr's Type	Guitar Type	Ga.	PER SET
24 C 9304	GE-340	Elec./Acst.	Med.	2.95
24 C 9306	GE-440	Elec./Acst.	Med.	2.95
24 C 9307	GE-240	Electric	Med.	2.49
24 C 9308	G-040	Electric	Med.	4.95
24 C 9309	G-040L	Electric	Lt.	4.95
24 C 9310	GE-290	Electric	X-Lt.	2.49
24 C 9311	G-240	Acoustic	Med.	2.49
24 C 9312	G-140	Acoustic	Med.	2.49
24 C 9313	G-0055	Bass†	Med.	†4.95

EE PAGES 106-107 FOR FULL LINE OF MUSICAL INSTRUMENT SPEAKERS

Musical Instrument Speaker

JBL
A
15″
$120 00
B
15″
$105 00
12″
C
$99 00
10″
D
$66 00

James B. Lansing F-Series Speakers

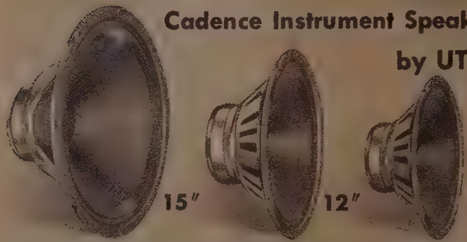
A D140F 15″ Bass Guitar Speaker. Get stunning music r
production with this precision-made instrumental speake
Designed for the professional bass guitarist or organist. It r
produces the sound of your instrument as you've never heard
before. Has 4″ voice coil and 11-lb. magnet structure. Sol
construction. 8-16 ohms. Requires 13½″ dia. mounting ho
16 C 3190 U. Shpg. wt., 23 lbs. *$6 Monthly*..............120.

B D130F 15″ Instrumental Speaker. Designed for the perfe
tionist. Distortion-free sound through the musical spe
trum. 4″ edge-wound voice coil; aluminum centerdòme. 11-l
magnet structure. 8-16 ohms. Requires 13½″ mtg. hole.
16 C 3189 U. Shpg. wt., 23 lbs. *$6 Monthly*..............105.

C D120F 12″ Instrumental Speaker. Perfect speaker for guita
and accordions. Rich bass and crisp treble. Excellent pow
capacity. 4″ edgewound aluminum-ribbon voice coil. 11-l
magnet structure. 8-16 ohms. Requires 11″ dia. mtg. ho
16 C 3188 U. Shpg. wt., 21 lbs. *$5 Monthly*..............99.

D D110F 10″ Instrumental Speaker. Provides you with magni
cent sound reproduction—precisely-defined bass and cri
treble. You get great sound even from a small enclosure wi
this professional 10″ reproducer. The 3″ voice coil is sever
times larger than those in ordinary speakers. 6-lb. magn
structure. 8-16 ohms. Requires 9″ diameter mounting ho
16 C 3187 U. Shpg. wt., 15 lbs. *$5 Monthly*..............66.

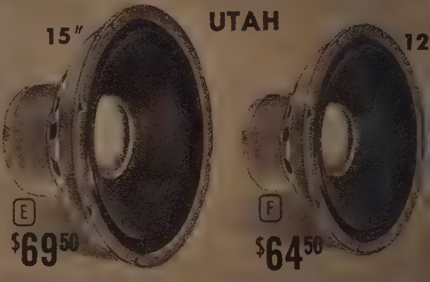
Cadence Instrument Speakers by UTAH



Full, rich tonal quality and crisp response. Heavy-duty construction—built to last. Heavy-gauge reinforced steel chassis provides strength and rigidity. Thick steel pot plates use full potential of massive barium-ferrite magnet. Oversize voice coil absorbs heat of transient peaks. Rubberized cone edges smooth frequency response and extend cone life. Exclusive internal dust seal. 8 ohms. *Use: EO, electric organ; G, guitar; BG, bass guitar; All, organ, any guitar, accordion. †Complete magnet structure ass'y.

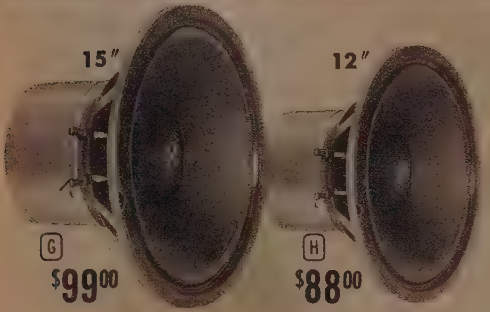
Stock No.	Model No.	Size	†Magnet Struct., Lbs.	* Use	Wt., Lbs.	EACH
16 C 3150	MS-8	8″	1¾	EO, G	2¾	8.95
16 C 3151 X	MS-10	10″	4	EO, G	6¼	14.95
16 C 3152 X	MS-12	12″	4	All	6	16.95
16 C 3153 X	MS-12C	12″	6⅜	All	9	22.50
16 C 3154 X	MS-12D	12″	6⅝	EO, BG	10½	34.50
16 C 3155 X	MS-15	15″	6⅜	All	12	27.50
16 C 3156 X	MS-15D	15″	6⅝	EO, BG	12¼	39.95

New Super-Power Instrument Speaker



E MH15R3R 15″. Built to handle the punishing po
er and low-end frequency range of a bass guit
or string bass even through high-output amplifier
3″ heat-proofed voice coil operates in a massive 15-l
magnet structure designed around 4 pounds
Alnico V for a full 125-watt peak power capacit
30-5000 Hz. 8 ohms. Mtg. dia. 14 9/16″; depth, 8 3/1
16 C 3522 U. Wt., 21 lbs. *$5 Monthly*..........69.

F MH12R3R 12″. Same specs as above except fr
quency response, 35-5000 Hz; power capacity, 1
watts peak. Mtg. dia. 11 9/16″; depth 6¾″.
16 C 3532 U. Wt., 18½ lbs. *$5 Monthly*..........64.



Electro-Voice Musical Instrument Speakers

G SRO-15 15″ Speaker. Designed for heavy-duty replaceme
use where rugged conditions are a norm. Combines r
liability with high efficiency. Faithfully reproduces bo
natural tones and special effects of electronic instrument
Boasts large, heavy 4-lb. 10-oz. ceramic magnet and high
efficient edgewound copper voice coil. 60 watts continuous, 15
watts peak. 8-16 ohms. Requires 13½″ mtg. hole.
16 C 3530 U. Shpg. wt., 29 lbs. *$5 Monthly*..............99.

H SRO-12 12″ Speaker. Built for wide response and ou
standing power handling capacity. Has large 3-lb. Alnico
magnet and highly efficient edgewound copper voice co
Faithfully reproduces both the natural sounds and the speci
effects of electrified instruments. 60 watts continuous, 15
watts peak. 8-16 ohms. Requires 11″ mtg. hole.
16 C 3531 U. Shpg. wt., 19 lbs. *$5 Monthly*..............88.

07

$18.00

$25.11

$36.36

JENSEN
Concert Series
Musical Instrument Speakers

$74.97

Improve Performance with a Professional Quality Speaker

series speakers designed to meet the nding high-power requirements of elec- c musical instruments and still reproduce full, rich tonal quality. Special voice oated with high-temperature enamel and d on fiberglass bobbin withstands the ambient temperature generated by the ones of musical instruments. Stress resistant cone has treated edge for smooth response over entire audio range. All have powerful heavy-duty Synox-6® magnets except EM-1550 and EM-1520 which have Alnico V magnets. All have break-proof leads to speaker terminals. Impedance, 8 ohms. *For guitar only; †for guitar and accordion; § for bass guitar and string bass.

Stock No.	Type EM-	Fig.	Size	Magnet Weight	Peak Power (Watts)	Mounting Hole	Wt., Lbs.	EACH
C 3175	801*	A	8"	10 oz.	25	6¾"	4	17.07
C 3176 X	1001*	B	10"	10 oz.	30	8¾"	4	18.00
C 3177 X	1020	G	10"	1¾ lbs.	100	8¾"	7½	34.50
C 3178 X	1050†	G	10"	1¾ lbs.	100	8¾"	7½	34.50
C 3179 X	1200§	C	12"	1 lb.	50	10½"	7	25.11
C 3180 X	1201*		12"	11 oz.	40	10½"	6	22.11
C 3191 X	1202†	C	12"	1 lb.	50	10½"	7	25.11
3192 X	1220§	F	12"	1¾ lbs.	100	10½"	8½	38.85
3193 X	1250†	F	12"	1¾ lbs.	100	10½"	8½	38.85
3194 X	1500§	D	15"	1¾ lbs.	60	13¼"	11	36.36
3195 X	1501†	D	15"	1¾ lbs.	60	13¼"	10½	36.36
3196 X	1520§	E	15"	3½ lbs.	100	13¼"	17½	74.97
3197 X	1550†	E	15"	3½ lbs.	100	13¼"	17½	74.97

$38.85

$34.50

EC LANSING Speakers for Guitar, Bass, Organ

pe 417B. 12" professional-quality instrument speaker. andles 75-watts music power; 3-inch aluminum rib- oice coil; 8-lb. 10-oz. magnet structure; 13,000 gauss lensity; Eby nut binding posts. 8 ohms. 7" deep.
3185 U. Shpg. wt., 17½ lbs. *$5 Monthly*........67.50

pe 418B. 15" professional-quality instrument speaker. phisticated amateurs or discerning professionals will lighted with its performance. Handles 100 watts of power. 5⅝" deep. Other specs as above.
3186 U. Shpg. wt., 19 lbs. *$5 Monthly*..........77.50

pe 421A. New deluxe professional-quality speaker. eavy-duty version of the type 418B above. For the mentalist who demands top-performance.
3181 U. Shpg. wt., 20 lbs. *$5 Monthly*..........94.50

$67.50

$77.50

$94.50

95

$99.95

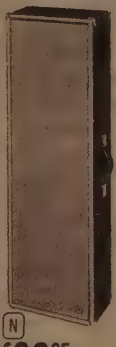
UTAH Music Instrument Columns

L MC10. Latest sound reproducer designed for musical instruments. Features four 10" speakers, 10-oz. magnets. ¾" vinyl covered panels. 80-watts peak. 8 ohms. 43⅜x13¼x7". Charcoal.
16 C 3568 Z. Wt., 52 lbs. *$5 Monthly*........59.95

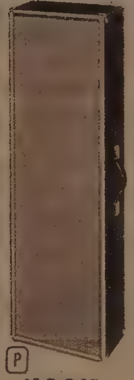
M MC12. Specially designed for musical instruments. Four 12" speakers, 20-oz. magnets. ¾" panels. Fiber-glass damped. 100-watts peak. 8 ohms. 52⅝x15¼x8". Charcoal. Vinyl covered.
16 C 3569 Z. Wt., 68 lbs. *$5 Monthly*......99.95

N MC10D. Deluxe version of MC10 above. Features four compression tweeters for extra-crisp highs of both voice and music.
16 C 3570 Z. Wt., 56 lbs. *$5 Monthly*......89.95

P MC12D. Deluxe version of MC12 sound column above. Same high-quality features plus four high-compression tweeters for extra-crisp highs of musical instruments plus voice.
16 C 3571 Z. Wt., 72 lbs. *$7 Monthly*.....139.95

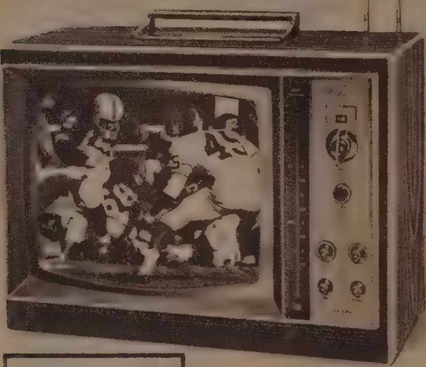


$89.95

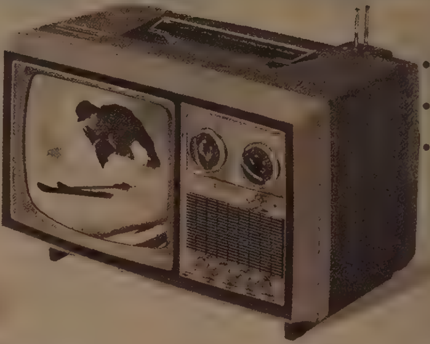


$139.95

New Color and Black-and-White Portable TV's



SHARP



- 60 sq. in.
  Viewing A
- Weighs On
  24 Lbs.
- Automatic
  Color Puri

$\$239$
$12 mon

GENERAL ELECTRIC

Shown with
Custom Roll-
Around Cart

$\$279^{95}$ less cart

$14 monthly

- 102 sq. in. Viewing Area
- VHF Channel Window
- Automatic Color Purifier

14"-Diagonal Color TV

Luxurious, compact. Keyed AGC, 3 IF stages, AFC for rich, steady color. Full 19,000-volt picture power. Up-front speaker. Pre-set VHF fine-tuning. Slide-rule UHF tuning. Stay-set volume control. VHF-UHF antennas. Walnut-grain vinyl. 14½x20x6¼". U.L. Listed. For 110-120 V, 60 Hz AC. From Japan.
10 C 4071 U. Wt., 55 lbs. . . . 279.95
10 C 0095 L2Z. With Custom Matching Cart. 65 lbs. *$15 Monthly* 295.00

10"-Diagonal "Porta-Colo

New, improved model. "Magic Me
ory" system for easy, quick adjustm
of tint, color, contrast, brightn
volume. Color purifier. Rare-ea
phosphors for brighter pictures. Fro
mounted 3" speaker, VHF and U
tuners. Earphone included. VHF te
scoping twin dipole, UHF loop
tennas. Woodgrain plastic cabi
Folding handle. 11¼x18x16½". U
Listed. 110 VAC.
10 C 4105 U. Wt., 28 lbs. . . . . 239.

SHARP

SHARP

SHARP

19"-Diagonal Portable TV

$\$109^{95}$ • 184 sq. in. Viewing Area • Front-Mounted Controls

$6 monthly • Earphone Included

Built for movie-clear black-and-white pictures, even in fringe areas. VHF tuner and silicon-transistor UHF tuner with 2-speed tuning. AGC for steady pictures. Three frame-grid IF tubes help pull in strong signals. Bonded picture tube cuts reflections. Up-front 6x2⅜" speaker. 19,000-volt picture power. Earphone jack. VHF dipole, UHF loop antennas. Plastic cabinet, 17x21⅞x13". U.L. Listed. For 117 VAC. Japan.
10 C 4067 U. Wt., 35 lbs. 109.95
10 C 4073 U. Above, walnut vinyl, slide-rule UHF tuning. 35 lbs. 119.95

16"-Diagonal Portable TV

$\$94^{50}$ • 141 sq. in. Viewing Area • Front-Mounted Controls

$5 monthly • Earphone Included

Smart "pace-setter" styling in a lightweight, top-performing black-and-white portable. Just right for personal or family use. AGC assures maximum performance even in fringe areas. Automatic Frequency Control holds pictures steady despite varying signals. Brilliant picture is delivered by 15,000 volt output. Up-front 4x3" speaker. Earphone jack. Telescoping VHF, loop UHF antennas. Slimline plastic cabinet, 14¼x19⅜x12⅜". With earphone. U.L. Listed. For 117 VAC. From Japan.
10 C 4060 U. Wt., 30 lbs. 94.50

12"-Diagonal Portable T

$\$79^{95}$ • 75 sq. in. Viewing Are • Weighs Just 17 Pound

$5 monthly • Earphone Included

Sleek, slimline black-and-white p
able offers deluxe features at an ex
tionally low price. Frame-grid IF
plifiers and keyed AGC assure ex
lent reception even in fringe a
13,000 volts picture power. Easy
cess, front-mounted controls. Up-f
4x3" speaker. Separate telesco
VHF and loop UHF antennas. Bui
carrying handle for easy portabi
Smart 2-tone gray high-impact pl
cabinet with chrome trim. 13½x1
10¾". U.L. Listed. For 110-120 v
60 Hz AC. From Japan.
10 C 4226 U. Wt., 23½ lbs. . . . 79

Enjoy a New Portable Now—Use Your Allied Credit Fund Acco

Lightweight Personal Portable TV's

'Minni" 3″-Diagonal—Our Smallest TV

sq. in. Viewing Area • Solid-State
tery/AC Operation • Weighs 5½ lbs.

$109.95

in size, terrific in performance . . . the ultimate in nal viewing enjoyment. Deluxe solid-state portable -in razor-sharp pictures. Plays on 9 optional batteries, ar AC, or car cigarette lighter with 12 VDC cord v. Telescoping VHF antenna, 6¾x3½x6″. With ear- e, AC adapter/battery charger. Order rechargeable ries below. From Japan.

4054 S. Shpg. wt., 6½ lbs. *$6 Monthly* 109.95
4047 S. Rechargeable "C" Batteries. 2 lbs. **Pkg. 9/14.95**
4324 S. Carry Case/Visor. Wt., 1 lb. 9.95
4043 S. 12 VDC Cord. Shpg. wt., 12 oz. 5.95

Battery/AC 4″-Diagonal TV with FM-AM Radio

• 9 sq. in. Viewing Area • Solid-State
• Battery/AC Operation • Weighs 9 lbs.

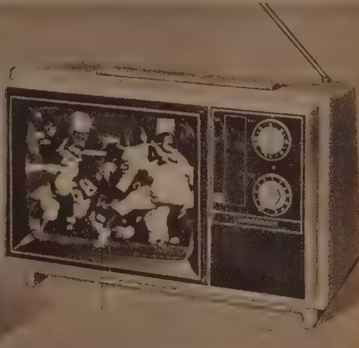
$139.95

Combination TV, FM and AM radio plays anywhere on batteries or 117-volts AC. UHF ring antenna, VHF-FM telescoping antenna, built-in AM antenna. AFC; AGC. Front-mounted 2½″ speaker. With earphone, AC adapter/battery charger, AC cord. Or, use 9 "D" batteries or rechargeable battery pack. 3¾x9¾x8¼″. Japan.

10 C 4321 U. Shpg. wt., 11 lbs. *$7 Monthly* 139.95
18 C 5079. "D" Batteries. Wt., 6 oz. . . . . **Pkg. of 4 for 65¢**
10 C 4322 X. Rechargeable Battery Pack. Wt., 2 lbs. . . . 24.95
10 C 4055 S. 12 VDC Neg./Pos. Car Cord. Wt., 1 lb. 5.95
10 C 4102 X. Car Antenna and Stand. Wt., 3 lbs. 24.95

JVC

SHARP



PANASONIC

-Diagonal Instant-On TV

9.95 • **75 sq. in. Viewing Area**
monthly • **Special "Black" Screen**
• **Solid-State Circuit**

ure-packed—outstanding value! ial black-face shield for greater rast. "Instant-on"; 3x6″ up-front ker; carrying handle; earphone ; VHF, UHF antennas. Black ic cabinet, 11¾x15¾x11″. With hone. For 117 VAC. Japan.

4057 U. Wt., 26 lbs. 129.95

Diagonal TV. Styled like above, not solid-state. Slide-rule UHF, -window tuning, 184 sq. in. view- area, woodgrain plastic cabinet. x22¾x13½″. Japan.

4084 U. 45 lbs. *$7 Mo.* . . . 139.95

Battery/AC 11″-Diag. TV

$109.95 • **71 sq. in. Viewing Area**
$6 monthly • **29 Transistors, 16 Diodes**
• **Weighs Just 17½ Pounds**

Our largest-screen portable with a *solid-state* circuit. Enjoy it at home . . . outdoors . . . everywhere! Plays on 117 VAC, optional battery pack or 12 V car battery (order cord below). Four picture IF stages provide remarkably high sensitivity. Keyed AGC. AFC maintains good picture stability. VHF, UHF antennas. Woodgrain walnut finish case, 13¼x13½x11¼″. With earphone. Japan. 23 lbs.

10 C 4336 U. *$6 Monthly* 109.95
10 C 4337 X. Power Pack. Rechargeable battery, case. 6 lbs. 15.95
10 C 4330 S. 12 VDC Cord. 1 lb. . 5.95

New! 9″-Diagonal TV

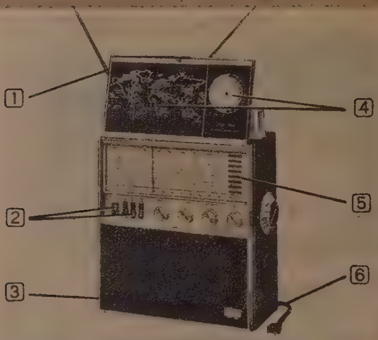
$69.95 • **38 sq. in. Viewing Area**
$5 monthly • **Retractable Handle**
• **Weighs Under 12 Pounds**

Our lowest priced portable TV. Perfect, low-cost second set for kitchen, bedroom or patio. Styled in a distinctive low-profile horizontal design to complement its compact size. Up-front, integrated control panel for all-channel VHF/UHF tuning plus "set and forget" adjustment for perfectly tuned VHF pictures automatically. Front-mounted 3″ speaker; retractable handle; VHF, UHF antennas. Beige and brown cabinet, 9½x13¾x10½″. For 117 VAC. From Japan. Shpg. wt., 15 lbs.

10 C 4085 X. *$5 Monthly* 69.95

able TV, JFD Auto and Boat TV Antenna Kits on Page 533

Our Best ALLIED Portable . . 8 Bands for Exciting Listening



1. Dual-Telescoping FM-VHF Antennas
2. Rocker Switches, "S" Meter, Battery Tester
3. Full-Tone 6x4" Oval Speaker
4. World Time Map in Folding Lid
5. Indicator Lights Show Band in Use
6. Built-in AC with Cord and Plug

THIS IS WHAT YOU HEAR ON VHF

29-50 MHz and 147-175 MHz Police/Public Service Bands: Police, fire, other emergency services; continuous weathercasts on 162.55 MHz in 17 U.S. cities. 108-135 MHz Aviation Band: planes, local airports, navigation stations. Check locally for specific frequencies. The closer you are to a major highway, airport, harbor, or other source of VHF, the more you will hear. Calls are of short duration with random elapsed time between calls. TV audio may be heard in many parts of U.S.

Super-Deluxe FM-AM-SW-VHF Battery/AC Radi

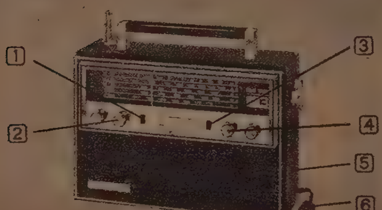
TUNES 8 BANDS

540-1600 kHz Standard AM Broadcast Band
1.7-5 MHz Mediumwave for Marine Communications
5-12 MHz Shortwave for Foreign Broadcasts, Hams
12-24 MHz Shortwave for Foreign Broadcasts, Hams
88-108 MHz FM Broadcast Band for Static-Free Music
29-50 MHz VHF Police/Public Service Band
107-136 MHz VHF Aviation Band for Aircraft
147-176 MHz VHF Police/Public Service Band

- Fine-Tuning on Shortwave Bands
- Squelch for Noise-Free Monitoring
- Tuning/Battery Condition Meter
- Handsome Leatherette-Covered Case
- Automatic Noise Limiter
- Local/Distance Switch
- Tone Switch • Earphone
- Jack for External SW Antenn

Model 2682. Sensational all-new radio with exciting extras never before offered in a battery/AC 8-band portable priced so low Packs the power to reach out and pull in stations some portables can't get. Hear fascinating English-language broadcasts from other countries on *two* shortwave bands. Tune in drama and excitement on *two* VHF Police/Public Service Bands. Monitor planes and local airports on the aviation band. Marine band for boats and ships, too. *Plus* standard FM and AM reception for tuning in all your favorite programs. Squelch control cuts out speaker between VHF calls, offers between-station muting when tuning FM. Slide-rule dial, with light, and band-indicator lights Fine-tuning on medium and shortwave separates crowded stations Rocker switches for Automatic Noise Limiter, AFC, tone. World map/time chart in lid. 19 transistors, 7 diodes. Telescoping 27" VHF-SW-FM antennas, built-in AM/marine antennas. Motorola-type jack for external SW ant. Heavy-duty case, 12⅝x9⅝x4½" For 4 "D" batteries/117 VAC. With 4 long-life batteries, earphone, SW station list. Japan. Shpg. wt., 15 lbs.
10 C 4230 U. *$5 Monthly*................................89.50
18 C 5079. Extra "D" Batteries. Shpg. wt., 10 oz. . .**Pkg. of 4 for 65**

ALLIED Full-Feature 5-Band Portable . . Our Best Seller!



1. Dial Light On-Off Switch
2. Variable Tone Control Adjusts Sound
3. AFC Switch for Drift-Free FM Reception
4. Fine-Tuning Control for Precise Tuning on Crowded Shortwave Bands
5. Motorola-Type Jack for Optional External Shortwave Antenna
6. Built-in AC with Cord and Plug

TUNES 5 BANDS

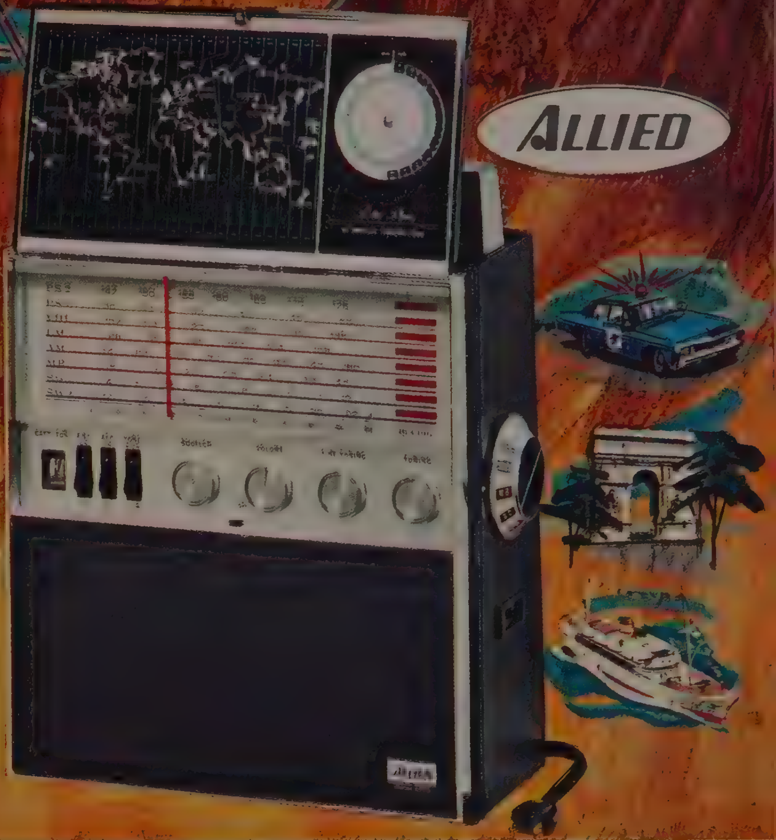
540-1600 kHz Standard AM Broadcast Band
5-12 MHz Shortwave for Foreign Broadcasts, Hams
88-108 MHz Standard FM Band
108-135 MHz VHF Aviation Band for Aircraft and Local Airports
147-175 MHz VHF Police/Public Service Band

Model 2671. Join the thousands of delighted owners who will tell you that this is the best value in a compact 5-band portable radio. It's battery/AC powered, rugged and ready to go anywhere, and has the 5 most popular bands. Tunes exciting shortwave, emergency services on VHF Police/Public Service Band, and aviation band for planes in flight and local airports. Standard FM-AM bands, too. Fine-tuning for easier shortwave station selection. Slide-rule dial with momentary pushbutton light. AFC. 3x6" speaker. Built-in AM/SW antennas, telescoping VHF-FM antenna. Motorola-type jack for external shortwave ant. 15 transistors, 6 diodes, thermistor. Leatherette covered case, 7⅜x10½x 3". For 4 "C" batteries/117 VAC. Earphone, batteries.
10 C 4362 X. From Japan. Shpg. wt., 9 lbs. *$5 Monthly*....59.50
18 C 5078. Extra "C" Batteries. Shpg. wt., 10 oz....**Pkg. of 2 for 33¢**

11 C 1749. Deluxe Outdoor Shortwave Antenna. For 1.8-30 MHz. With Motorola-type plug. Shpg. wt., 4 lbs..................7.95

11 C 1239. Economy SW Antenna Kit. 100′ wire, access. 2½ lbs. 2.39
10 C 4051 S. Motorola-Type Antenna Adapter Plug. 1 oz.........11¢

23 C 7538. "ABC's of Shortwave Listening." by Len Buckwalter. (Sams) 96 pp. Gives SW-VHF frequencies, operating tips, much more. Shpg. wt., 12 oz.................................2.50



ALLIED

NEW

tery/AC Radio udes Two VHF olice/Public ervice Bands

EIGHT BANDS

$89.50

$5 monthly

-es Standard FM and , *Two* VHF Police/ blic Service Bands, IF Aircraft Band, *Two* ortwave Bands, s Marine Band

ALLIED

Battery/AC Radio vith FM-AM-SW plus IF Aircraft and Police/ Public Service Bands

IVE NDS **$59.50** $5 monthly

elescoping FM-VHF Antenna, Built-in AM, Shortwave Antennas
x6" Speaker for Good Sound
ine-Tuning on Shortwave

ALLIED

New 2690 Three-Piece Solid-State Stere FM-AM Radio with 25 Watts Peak Powe

DELUXE FEATURES FOR FINE PERFORMANCE

3-Piece Walnut-Finish Ensemble

$99⁵⁰

$5 monthly

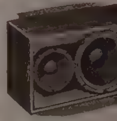
Convenient Front Panel Stereo Headphone Jack

Pushbutton Controls for Both AFC and Power

AM
FM
FM-MPX
PHONO
AUX

Easy-to-Use Five Position Selector Switch

Input Jacks for Phono,Aux.;Output Jacks for Tape



2 Speaker Syst Have 6½" Wo er, 2" Tweete

Ⓐ ALLIED 2690 Stereo FM-AM Radio with Provision for Record Chang

Surround yourself with stereo sound at Allied's attractive price, with the new 2690 solid-state three-piece radio. Compactly designed. Delivers 25 watts peak music power to the two enclosures, each with a 6½" and a 2" speaker for clear, full-fidelity sound reproduction. Radio pulls in fine stereo and monaural FM reception and good AM. Beautifully styled ensemble boasts wood cabinets with handsome walnut finish.

Speaker enclosures separate up to 14 feet, and can be placed in any position, to suit any space situation. The 2690 is loaded with quality features for fine performance and operating convenience. Illuminated slide-rule dial. Pushbuttons for on-off and for AFC to lock in FM stations. Stereo-FM indicator light, too.

Balance control, plus ganged bass and treble controls you adjust sound to suit room acoustics. Front-pa stereo headphone jack. Five-position switch selects A FM, FM MPX (stereo), phono, or aux. Inputs for cera phono and aux. (tape). Outputs for tape recording. Built AM, FM antennas, terminals for external antenn Ground post. Fused line protects circuit.

Solid-state circuit has 21 transistors, 17 diodes and thermistors. Eight adhesive pads are included so t speakers can be placed vertically or horizontally. Mi Changer listed below is ideal for use with this ensemb Receiver, 4⅜x16⅜x9⅞"; speaker enclosures, each 13x8 7½". For 117 VAC. From Japan. Shpg. wt., 34 lbs.
10 C 4268 U. *$5 Monthly*........................99.

Ⓑ New! 4-Speed Stereo Mini-Changer with Cartridge, Base and Dust Cover

Perfect for use with Allied 2690 ensemble, above, as well as any other similar ensemble or stereo radio with a ceramic phono input. Plays stack of up to six records automatically or can be operated manually. Four speeds: 16⅔, 33⅓, 45 and 78 rpm. Low-mass tubular pickup arm. Detachable spindle. Automatic shutoff after last record.

With two-tone plastic base, plastic dust cover, cera stereo flip-over cartridge, synthetic sapphire styli. 12x8 Order 45-rpm automatic spindle below. 117 VAC. U Listed cord and cables. England. 8 lbs.
10 C 4712 X. *$5 Monthly*........................39
10 C 4703 S. 45-rpm Automatic Spindle. Wt., 6 oz.......

ALLIED Solid-State Battery/AC Portable Radios

Ⓒ New 2684 Four-Band FM-AM-SW Portable

$39⁹⁵

$5 monthly

- Tunes 4-26 MHz on Two SW Bands
- Fine-Tuning, Tone Control, Dial Light
- Two 4" Speakers • 15 Transistors
- Covered with Padded Vinyl

New Allied feature-packed full-size portable covers 4-bands. Pulls in international shortwave on 4-12 MHz and 12-26 MHz, plus standard FM and AM. Operates on 4 standard "D" batteries or 117 VAC with built-in cord. Two 4" speakers for full sound. Fine-tuning control on SW, AFC switch on FM, variable tone control, slide-rule dial with vernier tuning, dial light. Built-in twin telescoping swivel antennas pull in stations easily. Cord storage area in back. 15 transistors. 10⅞x7½x4". With 4 "D" batteries, 117 VAC cord, earphone. Japan. Wt., 6 lbs.
10 C 4284 X. *$5 Monthly*..39.95
18 C 5079. Extra "D" Batteries. Uses 4. Wt., 12 oz....**Pkg. of 4/65¢**
"ABC's of Shortwave Listening." Howard W. Sams Publications. 96 pages of listening tips, SW frequencies and shortwave station information. Shpg. wt., ¾ lb.
23 C 7538..2.50

Ⓓ Model 2680 FM-AM Portable

$29⁹⁵

$5 monthly

- Two Speakers for Good Sound
- Padded Leatherette Case
- Switches for AFC and Tone
- Operates on Batteries or AC

Full-size FM-AM portable can be used anywhe operates on 4 batteries or with built-in 117 V cord. Features two round speakers for clear sou 15-transistor, 3-diode circuit provides good lo reception. Switchable AFC locks in FM stations prevent drift. Extra-wide slide-rule dial makes t ing easy. Includes tone switch, built-in ferrite A antenna, and 29½" telescoping FM swivel anten Handsome padded leatherette-covered case w attractive black metal grille, spring-loaded hand Size, 7x10⅞x3½". With four "C" batteries, e phone, built-in 117 VAC cord. From Japa Shpg. wt., 4 lbs.
10 C 4113 S. *$5 Monthly*........................29.
18 C 5078. Extra "C" Batteries. 6 oz....**Pkg. of 2/3**

Mini-Changer Package

B $39^{95}

$5 monthly

ALLIED

A **3-Piece Stereo FM-AM Radio**

$99^{50}

$5 monthly

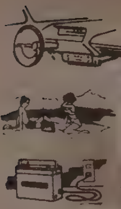
C **New ALLIED 2684 4-Band Portable** $39^{95}

$5 monthly

D **ALLIED FM-AM Portable** $29^{95}

$5 monthly

Versatile Car/Portables . . VHF Portables



NEW
SHARP
AC/DC CAR-PORTABLE

$59.95 $5 monthly

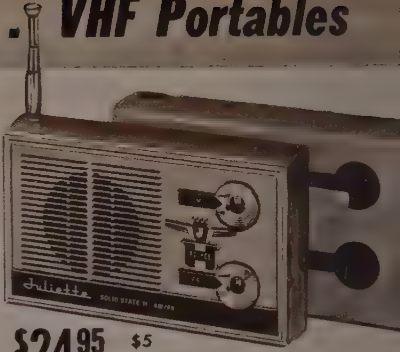
Deluxe 3-Band FM-AM-VHF Car/Home/Portable

*Tunes 148-174 MHz Police/Public Service Band**

- Complete with Locking Car Mounting Bracket and 117 VAC Cord
- Tunes New 162.5 MHz Weather Bureau Station Heard in Many Areas

Pulls in FM, AM, and VHF 148-174-MHz Police/Public Service Band for police, fire, emergency and industrial calls. Plays on 3 "C" batteries, 6 or 12 VDC, or 117 VAC. When used in car dial lights, output is 2 watts peak, hooks up to car antenna. Pos. or neg. grd. Vernier slide-rule tuning. 12 transistors. 4⅜x2¾" speaker. 7½x5⅛x2". With mtg. bracket, lock and key, AC cord, batteries, earphone. U.L. Listed. From Japan.

10 C 4594 S. Shpg. wt., 5 lbs. *$5 Monthly*..................59.95
18 C 5078. Extra "C" Batteries. Shpg. wt., 10 oz. Pkg. of 2 for 33¢

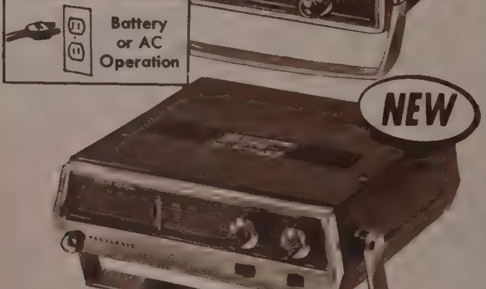


$24.95 $5 monthly

Compact Portables Tune AM and Police/Public Service Band*

Tune Police/Public Service band, plus AM. Telescoping antenna, 2¼" speaker. Fingertip tuning controls, dial windows. 11 transistors. 3¾x6½x1½". With 4 "AA" batteries, earphone, vinyl carrying case. AC adapter below. From Japan. Shpg. wt., 2 lbs.

10 C 4312 S. AM-VHF 146-174 MHz PSB. Police, weather, fire, etc.....................24.95
10 C 4313 S. AM-VHF 30-50 MHz PSB. Police, fire, emergency and industrial.........24.95
10 C 4053 S. 115 VAC Adapter. 8 oz......2.95
18 C 5083. Extra "AA" Batts. 3 oz........2/27¢



$44.95 $5 monthly

FM-AM Car/Portable/Home Radio

- Locks into Car Mounting Bracket Under Dash
- Operates from Car Battery and Antenna

FM-AM radio locks into bracket under dash, operates on 6
12-V pos./neg gnd. car battery. Out of car uses 4 "D" b
teries or 115 VAC. Has ferrite AM, telescoping FM antenn
plus car antenna jack. 12-transistors. AFC, pushbutton to
control, big 4" speaker. Attractive wood-grain finish pan
removable swivel handle. With mtg. bracket, batteries, AC co
earphone. 6⅜x9x2½". Japan.

10 C 4153 S. Shpg. wt., 6 lbs. *$5 Monthly*................44.
18 C 5079. Extra "D" Batteries. Wt., 6 oz.........Pkg. of 4 for

NEW
PANASONIC

$39.95 $5 monthly

Panasonic FM-AM Car/Portable

- Fits Most Cars Easily—6/12 V Pos./Neg. G
- Delivers Powerful 1.5-Watt Output in Car

Our newest car/portable boasts big features and performan
Has 9 transistors, 8 diodes. Vernier slide-rule tuning, AF
high-low tone switch. Full-range 3½" speaker. Ferrite A
telescoping FM antennas. Uses 4 "AA" batteries or 6,
VDC car battery with optional mtg. bracket, below. W
batteries, earphone. 7$^{15}/_{32}$x7$^{1}/_{16}$x2$^{5}/_{16}$". Japan.

10 C 4412 S. Shpg. wt., 4 lbs. *$5 Monthly*..................39.
10 C 4413 S. Car Mtg. Bracket. Lock, key. 3 lbs...............9
18 C 5083. Extra "AA" Batteries. Uses 4. Wt., 5 oz. 2/
10 C 4414 S. 115 VAC Adapter. Shpg. wt., 1 lb................5

$29.95 $5 monthly

AM Car/Portable with Mtg. Bracke

- Tone Control, 6 Tuned Circuits, RF Stage
- Slide Rule Dial Lights When Used in Car

Car/portable operates from 12-V pos. or neg. gnd. car battery
4 "C" batteries. 6 tuned circuits, RF stage, AVC for t
performance. 8 transistors. Pushbutton tone switch, big
speaker. Slide-rule dial lights on 12 VDC. With theftproof
mounting bracket, lock and key, and earphone. Order batter
below. 7$^{9}/_{16}$x6¼x2$^{9}/_{16}$". From Japan. 6 lbs.

10 C 4050 X. *$5 Monthly*. ....29.
18 C 5078. "C" Batteries. Uses 4. Wt., 6 oz.....Pkg. of 2 for

NOTE: *Police/Public Service Bands cover police, fire, emergency services, utilities, taxis, trains, etc. The closer you are to a city, major highway, or airport, the more VHF you will hear. Calls are brief and intermittent.

Feature-Packed Portables

AC
pter
9^{95}
onthly

Tunes 148-174 MHz VHF Band

$\$29^{95}$

$5 monthly

Operates on Batteries or Built-In AC

'M-AM-SW Portable with AC Adapter

- **Easy-to-Read Slide-Rule Dial with Logging Scale**
- **Vinyl Walnut Trim on Handle and Front**

rtly-styled FM-AM-Shortwave portable covers stand- FM and AM, plus international shortwave from 4.5 to MHz. Large, slide-rule dial with logging scale and oth vernier tuning makes tuning easy. Color-coded plate. AFC. 10 transistors, 7 diodes. 3½" speaker. scoping 35" swivel antenna. Black plastic case, metal e, walnut vinyl trim. 6x9½x2½". With 4 "C" batteries, hone, 115 VAC adapter. Japan. 5 lbs.

4052 S. *$5 Monthly*....................29.95
5078. Extra "C" Batteries. Uses 4. Wt., 6 oz......2/33¢

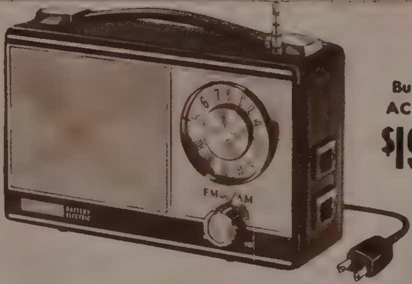
AM-VHF Police/Public Service Band Radio

- **Hear the New VHF Weather Bureau Station in Many Areas**
- **Self-Storing 117 VAC Cord**
- **Black Leatherette Case**

Exciting portable operates on batteries or AC with self-storing cord. Tunes AM, plus the 148-174 MHz VHF Public Service Band. Hear police, fire and emergency calls; business and public service communications; and in many parts of the country, the new weather bureau station on 162.55 MHz. AFC prevents drift. 10 transistors, 6 diodes, thermistor. 3½" speaker. Telescoping antenna. 5¼x9x3". With batteries, earphone. From Japan. 4 lbs.

10 C 4031 S. *$5 Monthly*....................29.95
18 C 5078. Extra "C" Batteries. Uses 4. Wt., 6 oz......2/33¢

Long-Range
AM Portable
$\$16^{95}$



Built-In AC Cord
$\$19^{95}$

Sensitive Battery/AC Portable AM Radio

Extra-sensitive AM portable is ideal for campers. Has 10-transistor circuit with tuned RF stage, vernier tuning, 3-gang tuning capacitor, 3½" speaker. Operates on batteries or AC. Simulated leather case, 4x7x2¼". Batteries, earphone. Japan.

10 C 4286 S. Shpg. wt., 3½ lbs..............16.95

Battery/AC FM-AM Portable

Portable FM-AM radio operates on batteries or 115 VAC with built-in cord. Provides good local FM reception, clear AM. Has 2½" dynamic speaker, AFC, telescoping swivel antenna. 11 transistors, 8 diodes. With batteries. 4¾x8¼x2¼". Japan.

10 C 4025 S. Shpg. wt., 3½ lbs..............19.95

h
Adapter
Gift Box
$\$16^{95}$

FM-AM Pocket Portable

FM-AM portable offers good local FM reception, clear AM. Has 10 transistors, 2½" speaker, slide-rule dial, ferrite AM, telescoping FM antennas. Die-cast case, 5½x3⅛x1¾". Gift-boxed. With battery, earphone, carrying strap and 115 VAC adapter. Japan. 2 lbs.

10 C 4028 S.............16.95

AM Pocket Portable. As above, but AM only. 8 trans. With case, battery, earphone, 115 VAC adapter. 4⅜x2¾x1½".

10 C 4030 S. 1¾ lbs.......11.95
18 C 5980. Extra 9V Bat...2/59¢

Miniature FM-AM Radio

Our smallest FM-AM portable boasts famous Panasonic quality and performance. Miniature portable is only 4x4x1½", yet contains a 2¼" PM speaker for full sound. Circuit has 9 transistors, 6 diodes.

Unique Roto-Tuning bar with vernier slide-rule tuning. Built-in AM, telescoping swivel FM antennas. Black with silver trim. With case, battery, earphone, ext. speaker jack. Japan. Shpg. wt., 1 lb.

10 C 4026 S.............19.95
18 C 5980. Extra 9V Bat...2/59¢

FM AM
PANASONIC

Full 2¼" Speaker
$\$19^{95}$

Police/Public Service Band* Portables

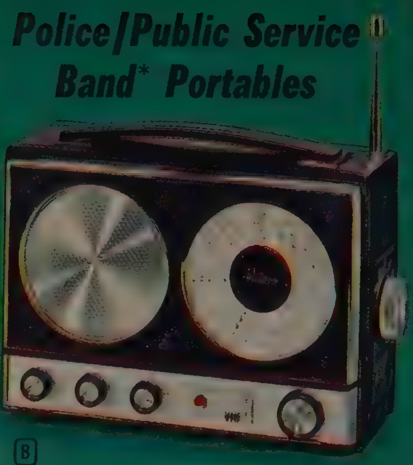
A

5-Band Battery/AC Portable

$\$54^{95}$

$5 monthly

FM-AM, plus 30-50, 146-175 MHz Police/Public Service Bands; 6-18 MHz Shortwave



B

5-Band Portable Radio

$\$49^{95}$

$5 monthly

FM-AM, plus 107-136 MHz Aircraft; 148-174 MHz Police/Public Service; 5-12 MHz Shortwave

C

3-Band Battery/AC Portabl

$\$39^{95}$

$5 monthly

FM-AM;
Police/Public Servic
Band, 148-174 MH

Big Values in Shortwave Multiband Portables

D **6-Band Battery/AC Radio**

Save
$20.00

$\$79^{95}$

$5 monthly

FM, AM, 3 SW Bands (BFO for Code), and Longwave

NEW

$\$119^{95}$

$6 monthly

Tunes FM-AM, 7 Shortwave Bands and Marine Band

10-Band Battery/AC Radio

E

F

15-Band Battery/AC Portable

$\$179^{95}$

$9 monthly

Our Finest Portable Radio . . . Operates from Batteries, Car or AC

Covers all these frequencie
Standard AM Broadcast Ban
550-1650 kHz; FM Band, 88-1
MHz; Longwave Band, 145-4
kHz; Marine Band, 1.5-3.65 MH
11 Major International Broadca
Shortwave Bands from 3.6
22.10 MHz each spread full-di
Includes 80, 40, 20, and 1
meter Amateur Bands.

5-Band FM-AM-SW-VHF Portable
nes *Both* Police/Public Service Bands*

s VHF Police/Public Service Bands on 30-50
and 146-175 MHz for local police, fire, in-
ial radio, weather (162.55 MHz), plus FM,
and international shortwave on 6-18 MHz.
button band indicator lights. Telescoping 37½"
ına. 18 transistors. Die-cast front, leatherette
leather handle. Plays on 4 "C" batteries or
built-in 117 VAC cord and plug. With bat-
, earphone. 6½x10x3¾". Japan.
4409 S. Shpg. wt., 8 lbs. *$5 Monthly*.... **54.95**
5078. Extra "C" Batteries. 6 oz..... **Pkg. of 2/33¢**

-Band FM-AM-SW-VHF Portable Tunes ircraft and Police/Public Service Band*

gs in police and industrial calls, and weather
48-174 MHz Public Service Band. Tunes air-
on 107-136 MHz, shortwave on 5-12 MHz,
AM. Squelch quiets speaker between calls.
distance switch. Dial light button. 13 tran-
s. Telescoping antenna. With earphone. 6 "C"
ries. AC adapter below. 7x10¼x3¾". Japan.
wt., 8 lbs.
4033 S. *$5 Monthly*.................... **49.95**
4159 S. AC Adapter. Shpg. wt., 8 oz........ **3.95**

M-AM-VHF Battery/AC Portable Radio with Police/Public Service Band*

natic coverage of local business, emergency
es and weather on 148-174 MHz VHF Police/
ic Service Band. FM-AM, too. 14-transistors.
. Olive leatherette finish. Die-cast grille. 3½"
ker. Built-in AM antenna, telescoping FM-VHF
nna. Plays on batteries or 117 VAC. 8¼x
3". With batteries, earphone. Japan.
4036 S. Shpg. wt., 4 lbs. *$5 Monthly*.... **39.95**
5083. Extra "AA" Batteries. 5 oz..... **Pkg. 2/27¢**

6-Band FM-AM-LW-SW Battery/AC

$99.95. Deluxe portable has die-cast front,
erette cover, dial light, fine-tuning, AFC on
BFO for code reception, tone control, world
map in lid, tuning/battery meter, 6x4" speak-
8 transistors. Bands: FM; AM; LW (145-380
, SW (3 bands: 1.6-4.3, 3.9-12, 12-26.5 MHz).
LW, telescoping FM/SW antennas, ext. SW
nna wire. Jacks for external and car antennas,
o, tuner, earphone. Plays on 8 "D" batteries
17 VAC. With earphone, batteries. 8¼x12x
Japan. Wt., 15 lbs.
4282 U. *$5 Monthly*.......................... **79.95**

-Band FM-AM-SW Battery/AC Portable

n international SW bands: 5.95-6.20, 7.10-7.30,
.8, 11.7-11.98, 15.10-15.45, 17.70-17.90, 21.45-
MHz; 1.6-4.7 MHz marine band; FM-AM.
ery/tuning meter, AFC on FM, 4x6" speaker,
vable world time map in lid, tone control.
herette cabinet with die-cast chrome panels.
marine band antenna, telescoping FM/SW.
wire antenna. For 6 "D" batteries or 117 VAC.
batteries., earphone. Size, 9½x12¾x5". Japan.
g. wt., 18 lbs.
4035 U. *$6 Monthly*.................. **119.95**

5-Band Battery/AC Portable—Our Best

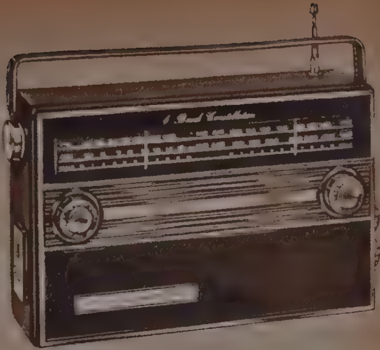
ers FM, AM, *eleven* shortwave bands, marine
longwave bands (see facing page). Full-dial
lspread, tuning meter, lighted dial, 5x7" speak-
AFC. 14 transistors. Plays on 5 "D" batteries,
117 VAC. Full 5-watt output in car, 3 watts as
able. World time selector, SW station list.
scoping antenna. SW antenna and phono jacks.
lifier, recorder outputs. Vinyl-covered case.
12⅛x4". Batteries below. W. Germany.
4334 U. Wt., 11 lbs. *$9 Monthly*...... **179.95**
5079. "D" Batteries. 12 oz...... **Pkg. of 4 for 65¢**
4344 X. Lockable Car Bkt. 6-12 V. 5¼ lbs.. **19.95**

FM-AM-LW-VHF Aircraft Portable

$64.95

$5 monthly

Excellent Choice for Pilots, Boaters and Sportsmen



Covers FM, AM, 150-400 kHz LW and 108-140 MHz VHF for aircraft and local airports. Vernier tuning, tone control. Sleep switch turns off radio automatically after up to 45 minutes. Over 1-watt output to 3x5" speaker. AFC on FM. Plays on 4 "C" batteries or 117 VAC. Telescoping antenna. Black leatherette case. 10¼x6½x3$\frac{1}{16}$". With batteries, earphone. From Japan. Shpg. wt., 5 lbs.
10 C 4277 S. *$5 Monthly*.................................... **64.95**
18 C 5078. Extra "C" Batteries. Wt., 6 oz.......... **Pkg. of 2/33¢**

NEW

FM-AM-SW Marine Band Portable

$39.95

$5 monthly

Battery or AC Operation

Packed with features. Tunes standard FM and AM; marine band from 2.5-6.5 MHz; shortwave from 9-18 MHz. Has tone control, fine tuning, AFC on FM, handsome leatherette case with vinyl wood veneer trim. Operates on 4 "C" batteries or 117 VAC. Internal AM/Marine Band antenna, dual telescoping FM/SW antennas, external wire antenna. 7½x10½x3¼". With earphone, batteries. From Japan. Shpg. wt., 6 lbs.
10 C 4039 S. *$5 Monthly*.................................... **39.95**

NEW

FM-AM-SW Marine Band Value-Priced Portable

$34.95

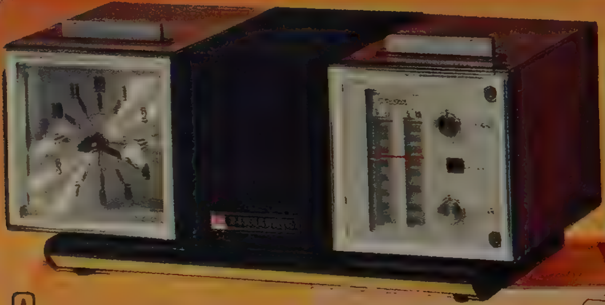
$5 monthly

Battery or AC Operation

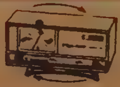
Provides quality reception of FM-AM, plus coverage of 1.6-4 MHz marine band and 4-12 MHz shortwave. Operates on 4 "C" batteries or 117 VAC. Tone control, 3½" speaker, AFC. 12 transistors. Built-in AM, telescoping FM/SW antennas. Padded leatherette cabinet. 6¾x10¼x3¾". With earphone, batteries. From Japan. Shpg. wt., 6 lbs.
10 C 4126 S. *$5 Monthly*.................................... **34.95**

TE: *Police/Public Service Bands cover police, fire, emergency services, utilities, taxis, trains, etc.; (see page 110). The closer you are to a city, major highway or airport, the more VHF you will hear. Calls are short and intermittent.

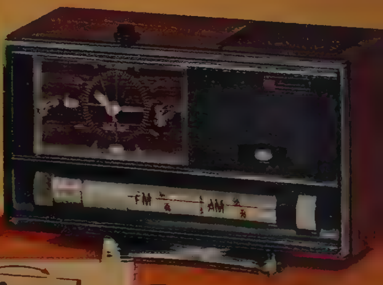
Full-Feature FM-AM Solid-State Clock-Radios



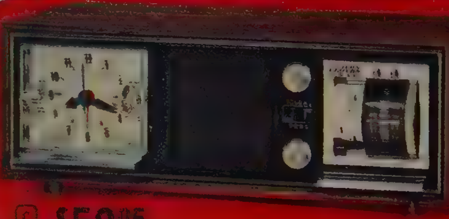
A $\$59^{95}$
$5 monthly



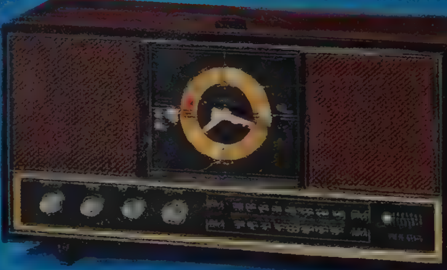
Swivels 30° on Base
for Extra Convenience



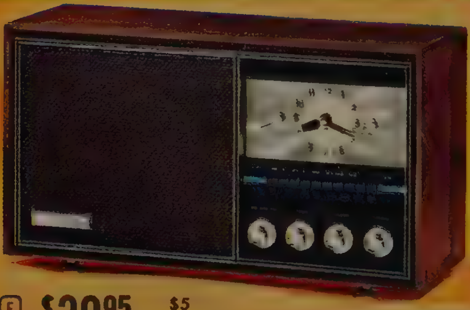
B $\$36^{95}$
$5 monthly



C $\$59^{95}$



D $\$49^{95}$ $5 monthly



E $\$39^{95}$ $5 monthly

A Our Finest FM-AM Clock-Radio

Panasonic. Deluxe full-size FM-AM clock-radio in lux
rious walnut-finish wood cabinet. Handsome enoug
for any room in your home. Excellent FM-AM rad
with ¾-watt output, push-bar band selector, AFC,
speaker, push-bar doze alarm, slide-rule dial, individu
band lights, lighted clock face, lighted dial, AC li
cord antenna for FM. On 30° swivel base. 6x13⅜x7
U.L. Listed. 117 VAC. Japan. Wt., 9 lbs.
10 C 4139 X. *$5 Monthly*......................59.9

B Versatile FM-AM Clock-Radio

Smart FM-AM clock-radio is only 9″ wide, fits an
where. Perfect for night table or kitchen shelf. Thum
wheel volume and tuning controls. Clock has lumino
dial and hands, doze button, sleep switch. Walnut-gra
plastic cabinet swivels 180°. 4½x9x4¼″. 117 VA
From Japan. Shpg. wt., 4½ lbs.
10 C 4141 S. *$5 Monthly*......................36.9
10 C 4148 S. AM Clock-Radio. 4 lbs.................26.

C Station-Seeking FM-AM Clock-Radio

Tunes one way automatically with touch-bar tunin
Sensitive circuit, ¾-watt output, 4″ speaker, loc
distance switch, tone control, optional manual tunin
FM line cord antenna. Full-feature clock with snoo
button. Illuminated dials. Smart low-boy walnut fini
wood cabinet. 5¼x13¾x7¾″. 117 VAC. Japan.
10 C 4172 X. 8 lbs. *$5 Monthly*.................59.9
10 C 4182 X. FM-AM Radio. Above, less clock......54.

D G.E. 2-Speaker FM-AM Clock-Radio

Popular General Electric FM-AM clock-radio delive
big sound from two 4″ speakers. Slide-rule dial, AF
tone control. Full-feature clock with lighted di
plus snooze button for extra 7-minute naps. Red dot
clock face appears when alarm is set. Walnut-fini
plastic cabinet. 7x13½x6″. 117 VAC. Wt., 8 lbs.
10 C 4127 X. *$5 Monthly*......................49.9

E FM-AM Clock-Radio in Wood Cabinet

Handsome full-size FM-AM clock-radio features di
tinctively styled walnut-finish wood cabinet. Sensiti
radio boasts 4 FM and 3 AM IF transformers. Slid
rule dial, AFC, tone control, wide-range 4″ speake
FM line cord antenna. Full-feature clock wakes y
to music or alarm, lulls you to sleep with music. 8x15x6
117 VAC. Japan. Shpg. wt., 7 lbs.
10 C 4184 X. *$5 Monthly*......................39.9
10 C 4183 X. FM-AM Radio. No clock. 7 lbs........34.

Make Mornings More Pleasant with a Clock-Radio from Allie

B
$44⁹⁵
$5 monthly
$39⁹⁵
$5 monthly

All Clock-Radios on These Two Pages Have the Following Important Features

- Precision-Made Clocks for Accuracy and Reliability
- 60-Minute Sleep Switches Lull You to Sleep with Music, Turn Off Radio
- Wake You Pleasantly to Music or Buzzer Alarm
- Excellent FM-AM Reception
- All Solid-State Circuits
- Accurate Full-View Dials For Easy Tuning
- Decorator Styling to Look at Home in Any Room

C
$29⁹⁵
$5 monthly

FM-AM/Hi-Intensity Lamp/Desk Set

rt-styling and versatility highlight this executive set. Solid-state FM-AM radio has slide-rule dial, and 3½" speaker. High-intensity lamp (with adjusts to three intensities. Telescoping-swivel Twin Parker ballpoint pens. High-impact plastic with rosewood panels. 9x6¾". For 117 VAC. Japan. Shpg. wt., 6½ lbs.
4171 S. *$5 Monthly*......................39.95

FM-AM Clock-Radio/Hi-Intensity Lamp

l for bedside or desk. Full-feature Telechron clock s precise time—wakes you to music or alarm, lulls to sleep at night. Solid-state FM-AM radio AFC, delivers fine sound from 3½" speaker. High-sity lamp adjusts to three intensities. Telescoping-el arm. Ivory base with rosewood trim. 10x6¾". 117 VAC. From Japan. Shpg. wt., 6 lbs.
4374 S. *$5 Monthly*......................44.95

C Ultramodern FM-AM Clock-Radio

uely-styled cube-shaped FM-AM clock-radio is as tional as it is handsome. Solid-state FM-AM radio gs you your favorite programs. AFC. Full-feature chron clock wakes you to music or alarm, snooze on for extra naps. 60-minute sleep switch with matic shutoff. Luminous hands. FM line cord an-a. With earphone. 7x4⅝x3¾". U.L. Listed. 117 . From Japan. 4 lbs.
4192 S. *$5 Monthly*......................29.95

D Twin-Speaker FM-AM Clock-Radio

AM clock-radio boasts 3" and 2½" speakers. -rule dial, AFC, tone switch, FM line cord antenna. -feature clock with snooze button, luminous dial. d-grain plastic cabinet. 4x12x5". For 117 VAC. n Japan. Shpg. wt., 5 lbs.
4185 X. *$5 Monthly*......................34.95
M Clock-Radio. As above, less FM, tone sw. 4 lbs.
0 C 4188 X. *$5 Monthly*......................24.95

E
$24⁹⁵
$5 monthly
D
$34⁹⁵
$5 monthly

ompact, Low-Profile FM-AM Clock-Radio

io has 3½" speaker, AFC on FM. Telechron clock es you to music or alarm, lulls you to sleep at night. ium dial, luminous hands. Attractive walnut-ned plastic cabinet. 5⅛x9½x3⅛". 117 VAC. With hone. From Japan. Shpg. wt., 4 lbs.
4195 S. *$5 Monthly*......................27.95
M-AM Radio. As above, less clock. 3½ lbs.
0 C 4197 S. *$5 Monthly*......................19.95

G
$19⁹⁵
$5 monthly
F
$27⁹⁵
$5 monthly

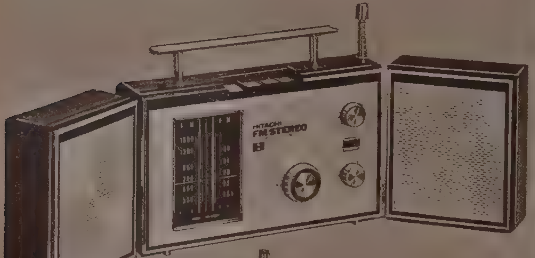
Our Best Selection Ever of FM-AM Radio

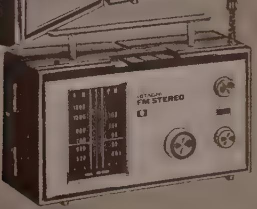
$99⁹⁵ $5 monthly

Panasonic FM-AM-Tape Cassette Car/Portable

Great new idea in portables! FM-AM radio/cassette recorder plays on 5 "D" batteries, or in 6- or 12-V car with optional bracket. You can order AC adapter for home use, too (below). Records and plays up to two hours on Philips-type cassettes. Record direct from radio or with optional mike. Level meter. Radio has vernier tuning, tone control, AFC, 6x4″ speaker, 2-watt output. Ferrite, telescoping antennas. 3½x11x11″. Batteries, earphone. Japan.

10 C 4002 S. 10 lbs. *$5 Monthly*....................**99.95**
10 C 4006 S. Car Mounting Bracket, Lock. 4 lbs..........**19.95**
10 C 4007 S. Mike Kit. Remote stop-start "pencil" mike, stand, Philips-type 60-minute cassette. 2 lbs............9.95
10 C 4280 S. AC Adapter. For 117 VAC. 1 lb..............**9.95**
18 C 5079. Extra "D" Batteries. Uses 5. Wt., 6 oz......**4/65¢**





Hitachi Stereo FM-AM Portable with AC Adapter

$69⁹⁵ $5 monthly

You don't have to stay home to enjoy stereo FM. This stereo FM-AM portable operates on batteries or with AC adapter. Two detachable 4″ speakers separate for full stereo effect—fold behind cabinet for carrying. 800-mW peak music power. Stereo indicator light, AFC, tone control. Weighs less than 5 lbs. including batteries. Earphone jack for each channel. Output for use as FM tuner (with external amplifier). 17 transistors. Built-in AM, telescoping FM antennas. Leather-covered. 5½x9⅝x3⅞″ (closed). With 117 VAC adapter, four "C" batteries, two earphones. Japan. Shpg. wt., 6 lbs.

10 C 4118 S. *$5 Monthly*....................**69.95**
18 C 5078. Extra "C" Batteries. Uses 4. Wt., 6 oz......**2/33¢**

A Panasonic Stereo FM-AM Radio Ensemb

Luxurious walnut ensemble features component styli
Solid-state circuit delivers 10-watt peak music pov
to 6½″ speakers. Speaker systems separate to 10 fe
or fit atop receiver to save space. Stereo indicator lig
plus selector switch for tuning only the stations bro
casting stereo. Lighted slide-rule dial. AFC locks
FM stations, prevents annoying drift. Tone contr
Input jack for plugging in record changer (below)
tape recorder. Matching walnut veneer wood cabine
Built-in FM-AM antennas. Receiver, 3⅛x16½x9
Each speaker, 8¼x8x8½″. U.L. Listed. For 117 VA
From Japan. Shpg. wt., 22 lbs.
10 C 4212 U. *$5 Monthly*....................**99.**

Matching 4-Speed Mini-Changer. Fits atop receiv
Synthetic-sapphire needles, ceramic stereo cartrid
dust cover, walnut base. 6″ high. 117 VAC. Englar
10 C 4356 X. 10½ lbs. *$5 Monthly*..............**39**

B Stereo FM-AM-SW Radio/Tape Playe

An endless source of listening pleasure. Fine ster
FM, AM, and 4-12 MHz shortwave, *plus* built
8-track stereo tape cartridge player. Input for reco
changer (below). Plays stereo tape cartridges au
matically, or you can change channels manually w
selector. Lighted channel indicator. Radio has tuni
meter, stereo indicator light, lighted slide-rule di
20-watt peak music power output. Speakers ha
6″ woofer and 1¾″ tweeter. Stereo headphone ja
stereo tape output jack, extra antenna termina
Eight controls, including bass, treble, balance. Waln
finish wood cabinets. Radio, 4¼x19¾x10½″. Ea
speaker, 12⅛x9⅞x7⅜″. U.L. Listed. 117 VAC.
10 C 4199 U. Japan. 25 lbs. *$9 Monthly*........**169.**

Record Changer. Storage space for 6 tape cartridg
4-speed. Ceramic stereo cartridge. Walnut base, du
cover. 2⅝x20x9⅝″. 117 VAC. England. Wt., 11 lbs.
10 C 4203 X. *$5 Monthly*....................**49.**

C Three-Piece Stereo FM-AM Radio

Component-type stereo FM-AM radio pours out i
pressive stereo FM. Solid-state circuit provides 12-wa
peak music power output. 6½″ speakers separate up
12 feet. Inputs for phono (below) and tape. Illuminat
slide-rule dial, stereo indicator light. Aux. speak
jacks, stereo headphone jack, stereo tape output. Co
trols include bass, treble, balance. Built-in AM, F
line-cord antennas, external terminals. Walnut-fini
wood cabinets. Radio, 3½x15¾x10″; speakers, 6x8
9″. U.L Listed. 115 VAC. Japan. 19 lbs.
10 C 4275 U. *$5 Monthly*....................**89.**

Record Changer. Fits atop radio. Plays 4 speeds, up t
records. Ceramic stereo cartridge, dust cover, waln
base. 6x15¾x9¾″. 117 VAC. England. 10 lbs.
10 C 4206 X. *$5 Monthly*....................**39.**

D Two-Speaker Wood FM-AM Table Radi

Handsomely styled, solid-state monaural FM-A
radio features two speakers, 3″ and 2¾″ oval dynam
for good sound reproduction. Solid-state circuit com
on instantly, operates without producing damagi
heat. Switchable AFC locks-in FM stations, preven
drift. FM circuit has four IF transformers; AM circu
has three IF transformers. Tone control. Lighted slid
rule dial. Handsome walnut-finished wood cabinet wi
chrome trim. 5x11½x4¼″. 117 VAC. Japan.
10 C 4209 S. Shpg. wt., 4½ lbs. *$5 Monthly*.....**24.**

E Compact Solid-State FM-AM Table Radi

Here's a *real* value! Solid-state FM-AM radio with tri
slim styling and good monaural sound. AFC preven
FM drift. Automatic gain control smooths out vari
tions in signal strength. Three IF transformers on FM,
IF transformers on AM for good reception. 3″ speake
Walnut-finish wood cabinet. 6½x5x2½″. U.L. Liste
For 117 VAC. Japan. 2 lbs.
10 C 4218 S.....................................**17.**

Compact AM Table Radio. Above, but AM only.
10 C 4220 S. Shpg. wt., 2 lbs....................**11.**

A

Stereo FM-AM 3-Pc. Ensemble

$99.95

$5 monthly

Panasonic Compact Stereo FM-AM Ensemble Elegantly Styled in Oiled Walnut Wood

Record changer optional

B

Stereo FM/AM-SW with Tape Player

$169.95

$9 monthly

Stereo FM/AM-SW Radio with Stereo 8-Track Tape Cartridge Player

Record changer optional

FM-AM Radio
ith Two Speakers

$24.95

$5 monthly

E

mpact,
dsome
M Radio

7.95

C

Stereo FM-AM 3-Pc. Ensemble

$89.95

$5 monthly

Stereo FM-AM Radio in Walnut-Finish Wood Cabinets

Record changer optional

New! Solid-State Stereo Combinations

$\$199^{95}$

$10 monthly

Delmonico Solid-State Stereo
FM-AM-Phono Consolette with Built
8-Track Stereo Tape Cartridge Player

- Full-Feature Stereo FM-AM Radio with AFC Circ
- 4-Speed Automatic-Intermix Stereo Record Chan
- Separate Bass and Treble Controls • Four Speak
- 4-Watt Output Power • Oiled Walnut Cab

Exciting new console packs more "entertainm
power" for its size than any model we've e
offered. Surprising low price, too. Radio pulls
full-fidelity FM-stereo, and AM. Switchable A
prevents FM drift. Vernier slide-rule tuning, ste
indicator light, built-in FM-AM antennas. C
trol panel has bass and treble controls, bala
control, input selector. Built-in FM-AM antenn

Record changer plays all 4 speeds, mixes differ
size records of same speed, has automatic shut-
Dual synthetic-sapphire needles play any reco
stereo or mono. Includes automatic 45-rpm ada
er. Tape player features easy drop-in cartri
loading, no threading or rewinding; channel in
cator light. Plays all 8-track cartridges at $3\frac{3}{4}$
for excellent fidelity. 40 semiconductors includ
24 transistors. Two 6" speakers, two $2\frac{1}{2}$" speake
Remote-speaker terminals. Oiled walnut cabin
$26\frac{1}{2}$x$27\frac{3}{4}$x$14\frac{1}{4}$". For 117 VAC. Express fr
NYC. Shpg. wt., 63 lbs.
10 C 4592 ZF. No C.O.D. Orders..........199.

$\$249^{95}$

$13 monthly

General Electric Three-Piece 30-Watt
Solid-State Stereo FM-AM Phonogra

- 3-Way Speaker Systems Have Two 6-inch Woof
  Two 3-inch Tweeters and Two 3000-Hz Horns
- Walnut Veneers • Equipped for Porta-Fi, Be

Matched 3-piece ensemble for superb stereo. Ra
has stereo indicator light, slide-rule dial, vern
tuning. 4-speed changer has 11" turntable, ceran
stereo cartridge, adj. needle pressure. Bass, tre
controls. Stereo headphone jack, aux. inputs. D
cover. FM-AM antennas. Main unit, $9\frac{3}{4}$x22
$14\frac{1}{2}$". Speakers, $8\frac{3}{4}$x9x$11\frac{1}{4}$". 117 VAC.
10 C 4599 U. Wt., 45 lbs. *$13 Monthly*....**249.**

10 C 4288 U. Porta-Fi Transmitter/Receiver-Speak
(Not illus.) Transmitter (walnut cabinet, 4
$12\frac{1}{2}$x15") plugs into above, sends music to
AC outlets in your home. Receiver-Speaker (w
nut vinyl, $10\frac{1}{2}$x$15\frac{1}{2}$x4") plugs into any AC out
reproduces music from main unit. 15 lbs. ...79
10 C 4778U. Extra Receiver-Speaker. 11 lbs. **Ea. 34**

$\$149^{95}$

$8 monthly

Monaural FM-AM —Stereo Phono $\$109^{95}$

Panasonic One-Piece Solid-State
Stereo FM-AM Phono Combination

Tastefully styled stereo fits anywhere in its d
tinctive walnut wood cabinet. Delivers 8-wa
peak power into two 5" dynamic PM speake
Solid-state FM-AM receiver has stereo eye, F
stereo-only switch, lighted slide-rule dial, vern
tuning, AFC. Four-speed automatic changer
ceramic cartridge with dual synthetic-sapph
needles. Tone, balance controls. Built-in FM, A
antennas. $15\frac{1}{8}$x30x$9\frac{1}{8}$". 2 speaker jacks. U
Listed. 117 VAC. Japan. Wt., 48 lbs.
10 C 4504 U. *$8 Monthly*...............**149.**

Stereo Phono with Monaural FM-AM

As above, looks great anywhere. Plays stereo a
monaural phono, monaural FM-AM. 4-watt pe
power output. Four-speed automatic changer, d
synthetic-sapphire needles. Two 5" speakers. 8
$27\frac{1}{2}$x$12\frac{3}{4}$". 117 VAC. Japan. Wt., 35 lbs.
10 C 4229 U. *$6 Monthly*..........**109.**

ew! Telex-Phonola Solid-State Stereo Consoles

Stereo FM-AM Credenzas with Garrard Changer

Mediterranean Style
in Rich Oak Finish
. . . 42" Wide

Your Choice $219.95 $11 monthly

Contemporary Style in Oiled Walnut . . 42" Wide

tiful furniture craftsmanship, latest design. Stereo
AM receiver has tuning, bass, treble, balance,
ess, selector controls; FM stereo indicator. Two
o 4" speakers. Changer has 11" platter; adjustable
ass tubular pickup arm, ceramic cartridge with
ond needle, 45 rpm spindle. Ext. spkr. jacks. Med-
nean styled in oak. 28x42x17½". U.L. Listed. 117
. Exp. from Rochester, Minn. 75 lbs.
4522 ZF. No C.O.D. Orders. ***$11 Monthly*** **.219.95**
4551 ZF. Contemporary Walnut Console......219.95

---

olonial Stereo FM-AM-Phono Console

ing slim-line styling. FM-AM receiver has slide-
uning, mode selector, balance, bass/treble, AFC,
loudness controls; mode beacon lights. Two 8",
4" acoustically-tuned speakers. 4-speed automatic
ger has 11" platter; ceramic cartridge with diamond
e, 45 rpm spindle. Tape input jacks; ext. spkr.
. Maple solids and veneers. 28x44x15½". U.L.
d. 117 VAC. Exp. from Rochester, Minn.
4526 ZF. 50 lbs. No C.O.D. Orders. ***$9 Mo.*** **. 179.95**

raditional Stereo FM-AM-Phono Console

ical design, adapts to any room. Two balanced 8"
ers. Receiver has slide-rule tuning, dual-channel
ess, selector, balance, AFC, bass, treble controls;
stereo signal light. Changer has ceramic cartridge
diamond needle, 45 rpm spindle. FM-AM antenna.
rd storage. Walnut cabinet, 26¾x48x16¼". U.L.
d. 117 VAC. Exp. from Rochester, Minn.
4538 ZF. 75 lbs. No C.O.D. Orders. ***$9 Mo.*** **. 169.95**

A
44" Wide
48" Wide
B

$179.95
$9 monthly

$169.95 $9 monthly

---

ompact Big-Sound Stereo Phono Console with Handsome Oiled Walnut Finish

al value, fits anywhere. 4-speed automatic record
ger has low-mass tubular pickup arm, ceramic car-
e with diamond needle, 45 rpm adapter. Two 8"
ers for clean bass, crisp highs. Controls: left and
channel volume, tone, stereo separation. Record
ge space. Walnut finished. 26¾x36x16¼". U.L.
d. 117 VAC. Exp. from Rochester, Minn.
4556 ZF. 50 lbs. No C.O.D. Orders. ***$5 Mo.*** **. . . 99.95**

ompact Stereo FM-AM-Phono Console

tanding features—remarkable low price! FM-AM
ver has tuning, tone, dual volume, balance, stereo
ration controls. 4-speed automatic changer has
nic cartridge with diamond needle, 45 rpm spindle.
8" speakers. Record storage. Built-in FM-AM an-
a. Walnut finished. 26¾x36x16¼". U.L. Listed.
VAC. Exp. from Rochester, Minn.
4572 ZF. 65 lbs. No C.O.D. Orders. ***$7 Mo.*** **. 139.95**

C
36" Wide
D
36" Wide

$99.95
$5 monthly

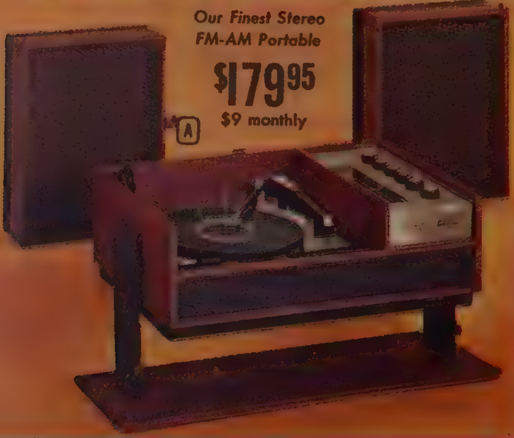
$139.95
$7 monthly

n a New Stereo Console Now—Use Your Allied Credit Fund Account

New Solid-State Stereos

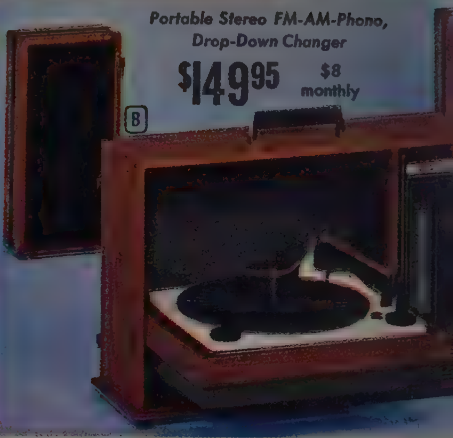
Our Finest Stereo
FM-AM Portable

$179^95
$9 monthly



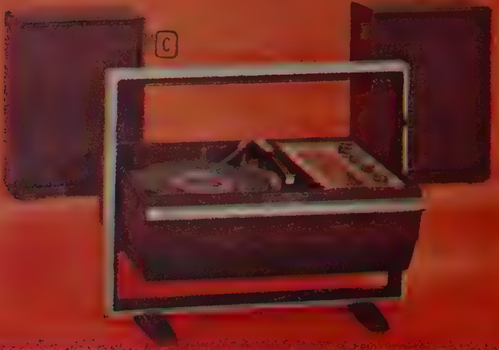
Portable Stereo FM-AM-Phono,
Drop-Down Changer

$149^95 $8 monthly



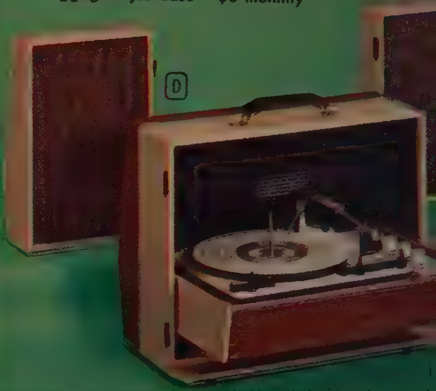
40-Watt Peak Stereo
Phono Features
Unique Styling

$129^95
$7 monthly



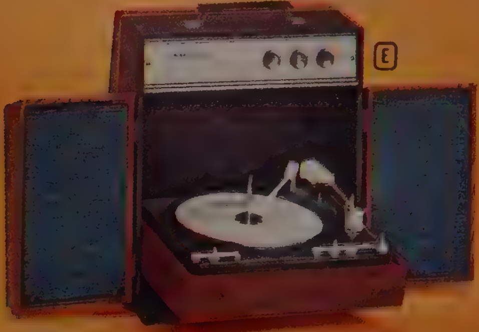
Feature-Packed
Stereo Portable in
Luggage-Style Case

$99^95
$5 monthly



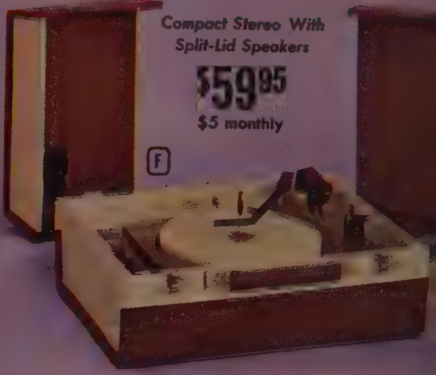
Compact Stereo
Phono with Drop-Down
Automatic Changer

$79^95
$5 monthly



Compact Stereo With
Split-Lid Speakers

$59^95
$5 monthly



Stereos on this Page Are by Telex-Phonola

Telex-Phonola Stereos

r Best Stereo Phono with Stereo FM-AM Radio

irst-rate stereo phono with stereo FM-AM radio is fully tate and features unique ultramodern styling. Changer and swivel—phono plays horizontally, radio operates in 3 ns. Gives you true-to-life stereo FM, excellent AM. AFC. rule dial. Stereo indicator light. 40-watt peak music power t. Quality four-speed automatic changer boasts low-mass r pickup arm, large 11" platter, diamond stylus, 45-rpm e adapter. Automatic shutoff and automatic intermix. hable speaker enclosures each have 8" woofer and 4" r for rich, wide-range sound. Speakers separate up to 24′, o form cover. Separate bass and treble, balance, dual channel ss controls. Walnut-grained wood cabinets. Phono/radio, ¼x7". Speakers, 14x11x4¼". U.L. 120 VAC.
040 U. Shpg. wt., 45 lbs. *$9 Monthly*............. 179.95

uality Stereo Phono with Stereo FM-AM Radio

-packed solid-state stereo phono-radio offers fine performance at a reasonable price. AFC prevents drift. Slide-rule dial. down four-speed changer with light-tracking low-mass r arm, automatic intermix, 11" platter, automatic shutoff iamond stylus. With 45-rpm spindle. Wide-range 6¼" ers in detachable enclosures separate up to 24", attach to for carrying. Controls: tuning, mode, balance, bass/treble, loudness, AFC, mode beacon lights. Teak vinyl-covered cabinet, 14½x23x7". U.L. Listed. 120 VAC. 35 lbs.
048 U. *$8 Monthly*............................ 149.95

Dramatically-Styled Solid-State Stereo Phono

erforming portable stereo phono looks like a handsome cabihen closed. Open, the changer and amplifier swing out for Detachable speakers separate up to 24-ft. for maximum effect. Each enclosure contains 8" woofer and 4" tweeter de-range sound. Precision four-speed stereo changer features ass tubular pickup arm, diamond stylus and automatic ff. Automatic intermix. With 45-rpm spindle. Solid-state fier delivers 40-watt peak power output. Dual loudness, dual bass and treble, balance. Finished in walnut-grained covered wood. Phono/radio, 14x22x7¼". Speakers, 14x11x U.L. Listed. For 120 VAC. Shpg. wt., 48 lbs.
4004 U. *$7 Monthly*............................ 129.95

Fine Quality Stereo in Formed Wood Cabinet

age-look portable features a precision four-speed automatic ger with low-mass tubular pickup arm and diamond stylus. matic intermix of different size records at the same speed. 11" turntable. Automatic shutoff. Includes 45-rpm spindle. 8" speakers mounted in detachable wing enclosures each 12-feet of cable for wide stereo separation. Dual volume, idual bass and treble, balance controls. Attractive vinylette ed wood cabinet, 14½x29(open)x10¼". U.L. Listed. For 120 . Shpg. wt., 37 lbs.
4009 U. *$5 Monthly*............................ 99.95

Custom-Styled Portable 4-Speed Stereo Phono

l-quality portable offers a winning combination of style sound. Solid-state stereo amplifier comes on instantly, ers clear, vibrant sound. Drop-down four-speed automatic ger features a light-tracking low-mass tubular pickup arm. e 11" platter. With 45-rpm spindle. The removable speaker sures each with 6" speaker separate up to 24′. Separate me for each channel, dual tone controls. Wood-grain teak black vinyl finish. 17½x15½x10". U.L. 120 VAC.
4010 U. Shpg. wt., 28 lbs. *$5 Monthly*.............. 79.95

F Compact Solid-State Portable Stereo Phono

t for teenagers! Easy-to-carry portable boasts slimline styling modern split-lid design. Matched 4" speakers in lid separate feet for stereo. Solid-state stereo amplifier. Four-speed autoc changer has low-mass tubular pickup arm with jam-proof anism. Shuts off automatically after last record has played. m spindle included. Separate-channel volume, dual tone con- . Wood cabinet with wood-grain vinyl and off-white pebble covering. 9½x18¼x13". 120 VAC. U.L. 20 lbs.
4064 U. *$5 Monthly*............................ 59.95

New Low Price

$54 95
$5 monthly

G.E. "Mustang" Solid-State Stereo

Lightweight, sturdy, portable. Two detachable 5¼" wing speakers separate up to 12′. Four-speed changer with stereo crystal cartridge, dual synthetic sapphire styli. Continuous replay of last record or automatic shutoff. Selector for up to 6 12", 10" or 7" records. Separate-channel volume, bass/treble tone controls. 45-rpm adapter. Black polystyrene case. 19½x12x7½". U.L. Listed. 120 VAC. 16 lbs.
10 C 4527 U. *$5 Monthly*.............. 54.95

$49 95
$5 monthly

Solid-State Stereo in Wood Cabinet

Popular-priced stereo phono has a drop-down four-speed changer, plays 6 records, 12", 10" or 7". Jam-proof. Automatic shutoff. 45-rpm spindle. Detachable 4" speakers separate to 20-ft. Dual tone control. Gray vinylette covered wood VAC. U.L. Listed. Shpg. wt., 20 lbs.
10 C 4094 U. *$5 Monthly*................ 49.95

New Low Price

$44 95
$5 monthly

G.E. "Wildcat" Solid-State Stereo Phono

Budget-priced portable has drop-down 4-speed auto. changer, plays 6 records—12", 10", or 7". Crystal cartridge, dual synthetic sapphire styli. 45-rpm spindle. 2 matched 6" oval speakers. Automatic shutoff. Separate-channel volume, tone control. U.L. Listed. Polystyrene case. 14x22x7¼". 120 VAC. Shpg. wt., 16 lbs.
10 C 4507 U. *$5 Monthy*.................. 44.95

Enjoy the Thrilling Sound and Convenience o

SELECTOR
FINE TUNING
CHANNEL
1
2
3
4
RANGER STEREO
VOLUME
TONE
BALANCE

A $79.95
$5 monthly

B

SELECTOR
VOLUME
TONE
BALANCE
RANGER

Bonus with Player/FM

Save $15.00 Our Best Speakers

With Speakers	Player Alone
$129.95	$119.95
$7 monthly	$6 monthly

A 4- and 8-Track Stereo Tape Player

Ranger Model RR-42. Deluxe car tape player plays all 4- and 8-track stereo tape cartridges with true-to-life realism. Features: fully automatic operation; new non-protruding thumbwheel control knobs for safe, convenient use. Has 20-watt solid-state stereo amplifier; volume, balance, tone controls; illuminated channel selector. Fine-tuning control assures full channel separation—eliminates cross-talk even on worn cartridges. Response, 50-10,000 Hz. Handsomely styled metal case, 2⅞x7⅞x8″. With mobile mounting bracket. Less speakers. For 12 VDC positive or negative ground. Japan.
19 C 4575 X. Shpg. wt., 12 lbs. *$5 Monthly*........79.95

B Tape Player/FM Radio with Speaker Bo

Ranger Model RR-60. Money-saving bonus on 4- an
track car stereo tape player/FM radio and speak
Player features safe thumbwheel controls; slide-rule
dial that flips back to accept cartridge; automatic operat
20-watt solid-state stereo amplifier. Monaural FM con
to stereo with adapter below. Response: tape, 50-10
Hz; FM, 50-15,000 Hz. 2⅞x7⅞x8″. With four 5¼″ ro
coaxial speakers, chrome grilles. 12 VDC negative grou
Mounting bracket. 19 lbs. Japan.
19 C 0039 L3U. RR-60 with Speakers. *$7 Monthly*....129
19 C 4576 U. RR-60 Alone. Shpg. wt., 13 lbs..........11
19 C 4434. Stereo FM Adapter for Above. 3 lbs........2

$79.95
$5 monthly

Compact 4- and 8-Track Player

Designed Especially For Use Where Space is A Problem

Ranger Model RR-59. Mini tape player fits in the smallest places, but performs with the big ones! Fully automatic 4- and 8-track operation; 20-watt solid-state stereo amplifier; Easy-to-use thumbwheel controls; fine-tuning; lighted channel indicator. 50-10,000 Hz. 3x5x6⅞″. Universal bracket. Less speakers. 12 VDC neg. gnd. Japan.
19 C 4577 X. Shpg. wt., 10 lbs. *$5 Monthly*........79.95

Allied Has Quality Tape Players for Every Bud

ereo Tape and FM Music in Your Car

59.95
5 monthly

SEPARATION
VOLUME

STEREO 8
AUTOMATIC RADIO
VOLUME
BALANCE
TONE

With Speakers $89.95

Player Alone $79.95

Save $15.00 With Our Best Speakers

act 4*/8-Track Tape Player

tic Radio. Features 8-watt solid-state er; automatic operation; *Gidget r for 4-track tapes (included). Volume, eparation controls. 80-12,000 Hz. 2½x . Mobile mounting bracket. Order rs from page 130. 12 VDC negative . Japan. Shpg. wt., 10 lbs.
67 X. *$5 Monthly*. 59.95

4*/8-Track Stereo Tape Player with Speaker Bonus

Automatic Radio Model SCE-6804. Plays standard 8-track cartridges; 4-track cartridges with *Gidget adapter (included); accepts AM or FM-stereo tuner cartridges below. Automatic operation; safe thumbwheel controls; 8-watt solid-state stereo amplifier. 50-15,000 Hz. Four 5¼″ round coax speakers with tweeter, chrome grille. 2x7x8″. With mobile mounting bracket. Japan.
19 C 0040 L3U. Player with Speakers. Wt., 13 lbs. *$5 Monthly*. 89.95
19 C 4598 X. SCE-6804 Player Alone. Shpg. wt., 10 lbs. 79.95

nvertible Home/Car Player

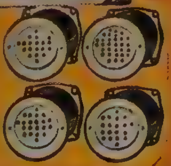
matic Radio Model GES-8111. Ver-le 4*/8-track stereo tape player car or boat; converts instantly to dsomely styled home player (with adapter below). Plays 8-track eo cartridges; 4-track cartridges *Gidget adapter (included).

tures automatic operation; 8-watt l-state stereo amplifier. Has new ty-type thumbwheel controls (Vol-, Tone, Left-Right and Front-r Balance). Channel selector but- back-lighted channel indicator. ponse, 50-15,000 Hz.

cial "slip-out" mounting bracket instant conversion to home use. h four hi-fi auto speakers; chrome es; bracket with lock and key. dsome walnut-finish case, 3¾x 8″. 12 VDC negative ground.
4019 U. Shpg. wt., 13 lbs. . 109.95
4250. 117 VAC Adapter. 4 lbs .27.95
4003. Car Floor Mount. 5 lbs. . . 8.95

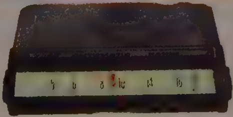
FM Stereo Multiplex
AUTOMATIC RADIO
VOLUME
TONE
BALANCE
FRONT BALANCE REAR

$109.95
less tuner, AC adapter
$6 monthly



dio Cartridges For Above

ereo Tuner Cartridge. Instantly con-ll tape players on this page to great-ing stereo-FM radio. Solid-state, ule dial. Wt., 1½ lbs.
599 S. *$5 Monthly*. 59.95
uner Cartridge. Converts players to AM radio. 1 lb.
246 S. *$5 Monthly*. 24.95



$24.95
$5 monthly

AM Cartridge

$59.95
$5 monthly

FM Stereo Multiplex

FM-Stereo Cartridge

AUTOMATIC RADIO
SOUTH OF THE BORDER
VOLUME
TONE
BALANCE

Automatic Radio $\$49^{95}$

Compact 8-Track Car Stereo Tape Player

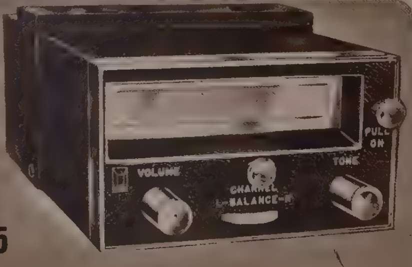
Model SEA. Budget-priced stereo tape player for car or boat. Plays all standard 8-track stereo cartridges with outstanding fidelity. 7-watt solid-state stereo amplifier; Volume, Tone, Balance controls. Compact case, 10x9¾x7½", 50-8000 Hz. 12 VDC neg. gnd. Less speakers. Japan.
19 C 4054 X. Shpg. wt., 7 lbs. *$5 Monthly*..........49.95

1
2
3
4
AUTOMATIC RADIO STEREO
TONE

Automatic Radio $\$89^{95}$

Slim-Line 4*/8-Track Car Stereo Tape Player

Model CET. Deluxe, slimline-styled 4*/8-track tape player (plays 4 track with *gidget, included). Features: 8-watt solid-state stereo amplifier; lighted channel indicator. Response, 50-15,000 Hz. Volume, Tone, Balance. 2½x6¼x6". Mtg. bracket. 12 VDC neg. gnd. Less speakers.
19 C 4578 X. Japan. Wt., 11 lbs. *$5 Monthly*.......89.95



Ranger

$\$39^{95}$

"Mini" 4-Track Car Stereo Tape Player

Designed for use where space is a problem. Has 8-watt solid-state stereo amplifier; fine tuning control; lighted channel selector. Volume, Balance, Tone controls. 50-10,000 Hz. 3x5x6⅞". With mounting bracket. 12 VDC negative ground. Less speakers. From Japan. Wt., 8 lbs.
19 C 4002. *$5 Monthly*..........................39.95

A ALLIED Deluxe Solid-State Car Stereo Reverberation System

Adds a thrilling new dimension of sound to any stereo tape player or stereo-FM radio—impar pleasing "stereo effect" to mono broadcasts. M the sound from each stereo channel and delay through the rear speaker. Fills that hole-in-the-mi with reverberation. Infinite control selections; panel operation; solid-state circuit. Has volume, ance, Reverb controls—pilot lights for "On" "Stereo." Handsomely styled cast front panel, gra chrome with polished chrome edges. Mounts e under dash. 1¾x8x5¾". With 6" round speaker on adapter board, chrome grille. 12 VDC.
19 C 4579. Shpg. wt., 6 lbs. *$5 Monthly*........29
19 C 4133. Reverb less speaker. 5 lbs..............

B 4- and 8-Track Car Stereo Tape Play

Automatic Radio Model CFE. Versatile car stereo player—automatically plays all 4- and 8-track st cartridges. Automatic operation—insert tape cartr to begin play—depress "Off" button to eject cartri Automatic or manual channel selection. Has 10- solid-state stereo amplifier; Volume, Tone, Separa controls; lighted channel indicator. Response, 15,000 Hz. Handsome metal case, 14x11½x7½". bracket for easy under dash installation. 12 negative ground. Less speakers. Japan.
19 C 4055 X. Shpg. wt., 11 lbs. *$5 Monthly*.....79

C "Mini" 8-Track Car Stereo Tape Play

Ranger Model RR-45T. Offers exceptional hi-fi so and distinctive styling. Handsome, compact case signed for mounting where space is a problem. Ha watt solid-state stereo amplifier; illuminated cha selector switch; automatic electronic channel tran Special fine-tuning control eliminates crosstalk—ass full channel separation even on worn and defe tapes. Has Balance, Dual-channel Volume and controls. 50-10,000 Hz. 3x5x6⅞". With mounting br et. 12 VDC neg. ground. Less speakers. Japan.
19 C 4053 X. Shpg. wt., 9 lbs. *$5 Monthly*.......59

D Deluxe 8-Track Car Stereo Tape Pla

Gibbs (Division of Hammond Organ) Model CR-630. De 8-track tape player boasts automatic operation; watt solid-state stereo amplifier; black leatherette with brushed chrome trim. Plays all standard 8-t stereo tapes with excellent fidelity. Has track indic lights; volume, tone balance controls; manual cha selector. Response, 70-10,000 Hz. Wow and flutter, than 0.3%. 8¾x8x3⅛". With mtg. bracket. 12 negative ground. Less speakers. Japan.
19 C 4056 X. Shpg. wt., 11 lbs. *$5 Monthly*......69

E 8-Track Car Player/Stereo-FM Radi

Gibbs Model CR-627. Same fine features as Model 630 above, but with built-in *stereo-FM* radio. stereo channel separation, 25 dB. S/N ratio, 30 Has function switches for FM-only; FM/MPX; AFC. Power and MPX indicator lights; illumin slide-rule tuning dial. 8¾x8x3⅛". For 12 VDC nega ground. Less speakers. Japan.
19 C 4057 U. Shpg. wt., 13 lbs. *$8 Monthly*....159

F 8-Track Car Stereo Tape Player

Panasonic Model CX-807 U. Boasts smart styling; fidelity reproduction. 8-watt solid-state stereo ampli fully automatic operation; automatic and ma channel selection. Volume, Tone, Balance cont lighted channel indicator. Response, 70-10,000 3$\frac{1}{16}$x8¼x8⅛". Black and chrome. Order tuner ridges, speakers below. 12 VDC neg. gnd. Japan.
19 C 4545 U. Shpg. wt., 18 lbs. *$5 Monthly*......99

19 C 4546 S. Stereo-FM Tuner Cartridge. For CX-8 only. Automatic mono-stereo switching, stereo indic light. Inserts like cartridge. Japan. Wt., 5 lbs...5

19 C 4547 S. AM Tuner Cartridge. Converts CX-807 AM radio. Japan. Shpg. wt., 5 lbs..............2

19 C 4548. Stereo Speakers. Wide-range 5" hi-fi speak Black, chrome. Japan. Wt., 4 lbs.......**Per Pair**

ALLIED
STEREO
ON
VOLUME

A $\$29^{95}$

B $\$79^{95}$

$\$59^{95}$ C

D $\$69^{95}$

E $\$159^{95}$

Works with
4-or 8-Track
Car Stereo
Tape Player

FM-Stereo

$\$59^{95}$

GW Universal Tuner Cartridges

- Add Stereo-FM or Mono FM-AM to Your Present Car Stereo Tape Player

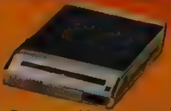
Plug-in solid-state stereo-FM tuner cartridge instantly equips your 4- or 8-track stereo tape player to receiver stereo FM or monaural FM radio. Simply insert tuner cartridge as you would a tape. Front panel antenna connector; illuminated dial, stereo indicator light. 1x4½x7½". With batteries, antenna connector cable. Japan. *Not for Philips-type players.*

19 C 4052 S. Stereo FM. 3 lbs. *$5 Monthly*	59.95
19 C 4051 S. Mono FM Cartridge. 3 lbs.	29.95
19 C 4580 S. Mono FM-AM Cartridge. 3 lbs.	39.95

CHANNEL
VOLUME
TONE
BALANCE
PANASONIC

F

Tape Player $\$99^{95}$

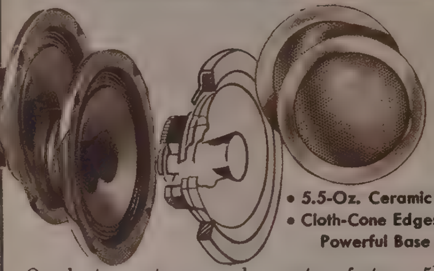


Converts Model CX-807U to Stereo-FM Radio

Stereo FM Tuner Cartridge $\$59^{95}$

Values in Car Stereo Speakers and Tape Player

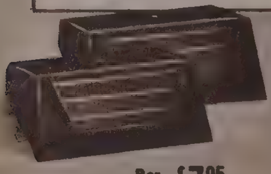
Our Finest Car Stereo Speakers



$12⁵⁰ Per Pair

- 5.5-Oz. Ceramic Magnet
- Cloth-Cone Edges for More Powerful Base Response

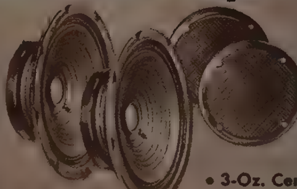
Our best car stereo speaker system features 5¼″ round speakers with 5.5-oz. ceramic magnet for full-range response. Special cloth-cone edges for full-throated bass. Can be mounted in car doors without removing panels; snap-in construction eliminates visible mounting screws. Husky, polished-chrome grilles have built-in louvres. Speakers have 10-watt power capacity. Impedance, 4-8 ohms. 2 speakers, 2 grilles, hardware, instructions.
19 C 4119. Shpg. wt., 4 lbs................**Per Pair 12.50**



Per Pair $7⁹⁵

"Instant-Mount" Speakers

High-quality 5¼″ speakers for use with car stereo systems. Low-profile enclosures mount anywhere—no cutting or fitting necessary. Delivers wide-range sound. Enclosures, 7½x7½″, tapered 3″ to 1¼″. Shpg. wt., 4 lbs.
19 C 4259 X.........**Per Pair 7.95**

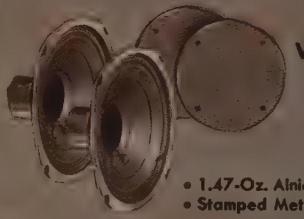


Deluxe Car Stereo Speakers

Per Pair $7⁹⁸

- 3-Oz. Ceramic Magnet
- Handsome Plastic Grilles

Deluxe car stereo speaker outfit for great sou from tapes and radio. 5″ speakers have 3-oz. cera magnet; handle 8 watts per speaker. Speak mount easily in car doors without removing d panels. 4-8 ohms. With 2 speakers, plastic gril mounting hardware, instructions.
19 C 4120. Shpg. wt., 3 lbs...........**Per Pair 7.**



Value-Price Car Stereo Speakers

Per Pair $4⁹⁸

- 1.47-Oz. Alnico V Magnet
- Stamped Metal Grilles

Offer good sound at a low, low price. 5″ rou speakers have Alnico V 1.2-oz. magnet; 5 w capacity. Stamped metal grilles may be painted match car interior. 4-8 ohms. With 2 speake grilles, hardware, instructions.
19 C 4182. Shpg. wt., 2½ lbs.........**Per Pair 4.**

AIWA
$119⁹⁵
$6 monthly

Cassette Car Tape Player/Recorder System

Versatile new solid-state unit plays ultracompact Philips-type stereo cassettes, also *records* 2-track mono on blank cassettes—in your car. "Starr System" loading: insert cassette to play, cassette ejects and unit shuts off automatically at end of tape. Pushbutton controls for Record, Fast Forward, Rewind, and Stop (eject). Volume and tone controls. With 2 speakers, microphone, remote on-off switch for in-car recording. 12 VDC neg. gnd.
19 C 4121 U. Wt., 8 lbs. Japan. *$6 Monthly*.......**119.95**

88 92 96 100 104 108

AUTOMATIC RADIO
$39⁹⁵
$5 monthly

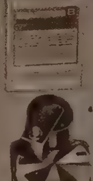
Universal Radio-Pak FM Cartridge Tuner

Instantly converts any 8-track stereo tape cartridge player into a hi-fi FM radio tuner. Just insert this solid-state tuner cartridge as you would a tape; attach to radio antenna. AFC prevents drift. Slide-rule dial; illuminated station panel; easy finger-edge tuning. Jet black, high-impact case, 6½x3⅞x1½″. With cable for connection to auto antenna—no rewiring necessary. (Not for Philips-type cassette players.) Japan.
19 C 4550 S. Shpg. wt., 1 lb. *$5 Monthly*...........**39.95**

AUTOMAT RADIO
$99⁹⁵
$5 monthly

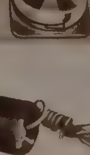
Solid-State Cassette Stereo Car Tape Playe

Deluxe new car stereo player—plays the ultracomp Philips-type cassettes. Has "Starr System" automa operation; Fast Forward and Reverse controls; flush-fr panel design conforming to new auto safety standards. Tone, Volume and Fader controls. Response, 100-10, Hz. Cassette cannot be stolen or removed with ignit "off" and key removed. With two round 5″ speakers grilles. 2⅝x6¾x7″. 12 VDC neg. gnd.
19 C 4116. U. Wt., 10 lbs. Japan. *$5 Monthly*.......**99.**



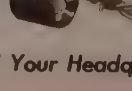
Cleans, Polishes
$1⁹⁵

RCA Head-Cleaning Tape Cartrid Insert in player like regular c tridge. Tape moves across head remove oxides and oil. For 8/4 8-track models only.
19 C 4269. Shpg. wt., 4 oz.... **1.**



"Gidget" Adapter
$2⁹⁸

"Gidget" 4-Track Cartridge Adap Lets you play standard 4-tr cartridges on 8-track-only play Simple insertion and removal fr 4-track cartridges.
19 C 4551. Shpg. wt., 4 oz.... **2.**

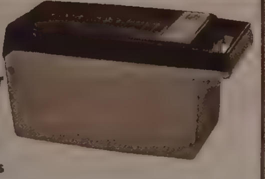


Protects System
$9⁹⁵

Stereo Car Tape System Burg Alarm. Protects 12-V stereo car t system. "Squealer" connects eas provides loud horn-alarm if t unit is tampered with.
19 C 4117. Shpg. wt., 10 oz... **9.**

Cartridge Holder, 8-Track Stereo Cartridges

Deluxe
- or 8-Track
rtridge Holder



595 Holds 10 Cartridges

deal storage unit for 4- or 8-track cartridges. eeps your tape library organized, keeps car-idges dust-free. Installs easily. Provides storage r up to 10 tape cartridges. Rugged plastic case, 3x5x6". Walnut vinyl top.
9 C 4118 X. Shpg. wt., 2 lbs. 5.95

8-Track Stereo Tape Cartridges

Wide Selection by Famous Artists

Low As **$5.89** *Indicates Twin-Pack, Equal to two LP's

8-Track Stereo Tape Cartridges (Shpg. wt., 4 oz.)

INSTRUMENTALS—EASY LISTENING

k No.	Title	Artist	EA.
270 S	Lonely Bull	Tijuana Brass	5.89
271 S	Whipped Cream and Others	Tijuana Brass	5.89
272 S	What Now My Love	Tijuana Brass	5.89
273 S	S. R. O.	Tijuana Brass	5.89
390 S	Sounds Like the Tijuana Brass	Tijuana Brass	5.89
473 S	Herb Alpert's 9th	Tijuana Brass	5.89
474 S	Going Places	Tijuana Brass	5.89
276 S	The Mantovani Sound	Mantovani	5.89
475 S	Golden Hits	Mantovani	5.89
476 S	Hollywood	Mantovani	5.89
280 S	Pink Panther	H. Mancini	5.89
281 S	Best of H. Mancini	H. Mancini	5.89
392 S	*Other Love Songs/Uniquely	H. Mancini	8.49
100 S	Encore! More Concert Sound	H. Mancini	5.89
282 S	*Movie Themes for Lovers Only	Jackie Gleason	8.49
283 S	*Today's Romantic Hits I & II	Jackie Gleason	8.49
284 S	*Lovers/Martinis/Memories	Jackie Gleason	8.49
4062 S	*How Sweet It Is/Music Round the World	Jackie Gleason	8.49
4389 S	*Best of Kingston, Trio. I & 2	Kingston Trio	8.49
061 S	Best of Kingston. Vol. 3	Kingston Trio	5.89
285 S	Bye Bye Blues	Bert Kaempfert	5.89
287 S	Taste of Honey	Pete Fountain	5.89
4289 S	Moon Over Naples	Billy Vaughn	5.89
4477 S	The Best of Billy Vaughn	Billy Vaughn	5.89
4479 S	Saxsational	Boots Randolph	5.89
4480 S	Boots with Strings	Boots Randolph	5.89
4481 S	Best of Al Hirt	Al Hirt	5.89
4095 S	Honey In The Horn	Al Hirt	5.89
4483 S	*Cotton Candy/Sugar Lips	Al Hirt	8.49
4094 S	Live at Carnegie Hall	Al Hirt	5.89
4097 S	The Happy Trumpet	Al Hirt	5.89
4098 S	Best of Al Hirt. Vol. 2	Al Hirt	5.89
4080 S	*A Man and His Soul	Ray Charles	8.49
4091 S	Love Rhapsodies	Midnight String Quartet	5.89
4092 S	Greatest Hits	Leonard Bernstein	5.89
4093 S	Greatest Hits	Eugene Ormandy	5.89
4059 S	*In London In Love/. . . Again	Norrie Paramor	8.49
4060 S	*Drifting, Dreaming/Sweetest Waltzes	Guy Lombardo	8.49
4484 S	Today's Themes	Percy Faith	5.89
4485 S	Guantanamera	The Sandpipers	5.89

JAZZ

k No.	Title	Artist	EA.
4293 S	Hang On Ramsey	Ramsey Lewis	5.89
4294 S	Wade in The Water	Ramsey Lewis	5.89
4296 S	Time Out	Dave Brubeck	5.89
4486 S	A Day in the Life	Wes Montgomery	5.89
4487 S	Best Of	Wes Montgomery	5.89
4488 S	Respect	Jimmy Smith	5.89
4494 S	Swing In New Big Band	Buddy Rich	5.89

SOUNDTRACKS

k No.	Title	Artist	EA.
4297 S	Sound of Music	Original Track	5.89
4301 S	Dr. Zhivago	Original Track	5.89
4492 S	Born Free	Original Track	5.89
4110 S	Fistful of Dollars	Original Track	5.89
4111 S	A Man & A Woman	Original Track	5.89
4115 S	Good, Bad, & The Ugly	Original Track	5.89

PIANO AND ORGAN

k No.	Title	Artist	EA.
4404 S	Ebb Tide	Earl Grant	5.89
4307 S	*Concerto for My Love	George Shearing	8.49
4063 S	*New Look/Deep Velvet	George Shearing	8.49
4309 S	Autumn Leaves	Roger Williams	5.89
4495 S	Born Free	Roger Williams	5.89

FEMALE VOCALS

Stock No.	Title	Artist	EACH
19 C 4333 S	The Very Best of Connie Francis	Connie Francis	5.89
19 C 4336 S	*Gentle is My Love	Nancy Wilson	8.49
19 C 4498 S	The Look of Love	Claudine Longet	5.89
19 C 4499 S	Country My Way	Nancy Sinatra	5.89
19 C 4500 S	Windows of the World	Dionne Warwick	5.89
19 C 4101 S	Golden Hits	Dionne Warwick	5.89
19 C 4103 S	Valley of the Dolls	Dionne Warwick	5.89
19 C 4102 S	Lady Soul	Aretha Franklin	5.89
19 C 4104 S	Other Man's Grass	Petula Clark	5.89

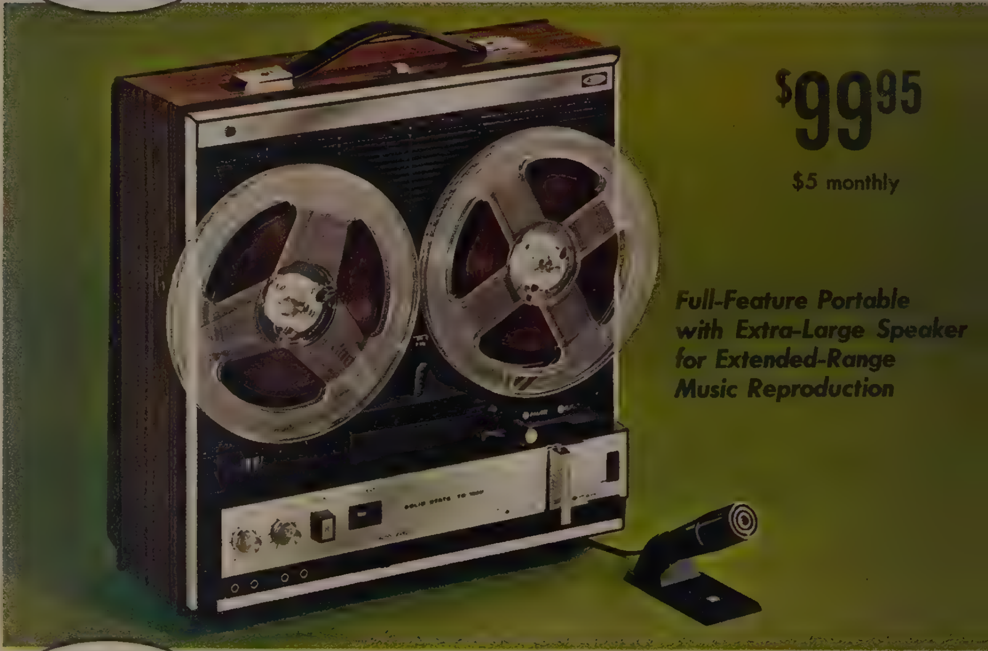
MALE VOCALS

Stock No.	Title	Artist	EACH
19 C 4316 S	*Rambling Rose/Lonely Hearts	Nat King Cole	8.49
19 C 4066 S	*Unforgettable Nat Cole/The Very Thought of You	Nat King Cole	8.49
19 C 4067 S	*Sincerely/Looking Back	Nat King Cole	8.49
19 C 4064 S	Love is The Thing	Nat King Cole	5.89
19 C 4318 S	*Love You/Spanish Eyes	Al Martino	8.49
19 C 4323 S	Strangers in The Night	Frank Sinatra	5.89
19 C 4501 S	That's Life	Frank Sinatra	5.89
19 C 4105 S	The World We Know	Frank Sinatra	5.89
19 C 4106 S	Sinatra and Ellington	Sinatra/Ellington	5.89
19 C 4326 S	Everybody Loves Somebody	Dean Martin	5.89
19 C 4503 S	Welcome to My World	Dean Martin	5.89
19 C 4505 S	My World	Eddy Arnold	5.89
19 C 4506 S	Best of Eddy Arnold	Eddy Arnold	5.89
19 C 4507 S	My Cup Runneth Over	Ed Ames	5.89
18 C 4508 S	Greatest Hits	Johnny Cash	5.89
19 C 4509 S	Born Free	Andy Williams	5.89
19 C 4313 S	Shadow of Your Smile	Andy Williams	5.89
19 C 4108 S	Love Ahoy	Andy Williams	5.89
19 C 4107 S	Up, Up and Away	Johnny Mathis	5.89
19 C 4109 S	Love is Blue	Johnny Mathis	5.89
19 C 4065 S	*Red Roses for Blue Lady/Danke Schoen	Wayne Newton	8.49

STANDARD AND TEEN GROUP FAVORITES

Stock No.	Title	Artist	EACH
19 C 4341 S	Big Hits	Rolling Stones	5.89
19 C 4342 S	In Concert	Beach Boys	5.89
19 C 4343 S	I Hear a Symphony	Supremes	5.89
19 C 4417 S	Where Did Our Love Go	Supremes	5.89
19 C 4069 S	Greatest Hits. Vol. 1	Supremes	5.89
19 C 4070 S	Greatest Hits. Vol. 2	Supremes	5.89
19 C 4344 S	Rubber Soul	The Beatles	5.89
19 C 4346 S	Yesterday and Today	The Beatles	5.89
19 C 4411 S	*Hit Sounds/More Hit Sounds	The Lettermen	8.49
19 C 4415 S	If You Can Believe Your Eyes	Mamas and Papas	5.89
19 C 4416 S	The Mamas and Papas	Mamas and Papas	5.89
19 C 4418 S	At the Whiskey A-Go-Go	Johnny Rivers	5.89
19 C 4512 S	Rewind	Johnny Rivers	5.89
19 C 4419 S	Ventures A-Go-Go	The Ventures	5.89
19 C 4513 S	Golden Hits	The Ventures	5.89
19 C 4514 S	Greatest Hits	P. Revere/Raiders	5.89
19 C 4516 S	And Then-Along Comes	The Association	5.89
19 C 4068 S	Insight Out	The Association	5.89
19 C 4518 S	Greatest Hits	The Temptations	5.89
19 C 4071 S	Sounds of Silence	Simon/Garfunkle	5.89
19 C 4072 S	Parsley, Sage, Etc.	Simon/Garfunkle	5.89
19 C 4073 S	Once Upon a Dream	The Rascals	5.89
19 C 4074 S	Music to Watch Girls By	B. Crewe Gen.	5.89
19 C 4075 S	Golden Hits	The Turtles	5.89
19 C 4076 S	With a Lot of Soul	The Temptations	5.89
19 C 4077 S	Greatest Hits	Bob Dylan	5.89
19 C 4078 S	Another Side	Bob Dylan	5.89
19 C 4079 S	Ravi	Ravi Shankar	5.89

ALLIED New Model 1050 7"-Reel Recorder

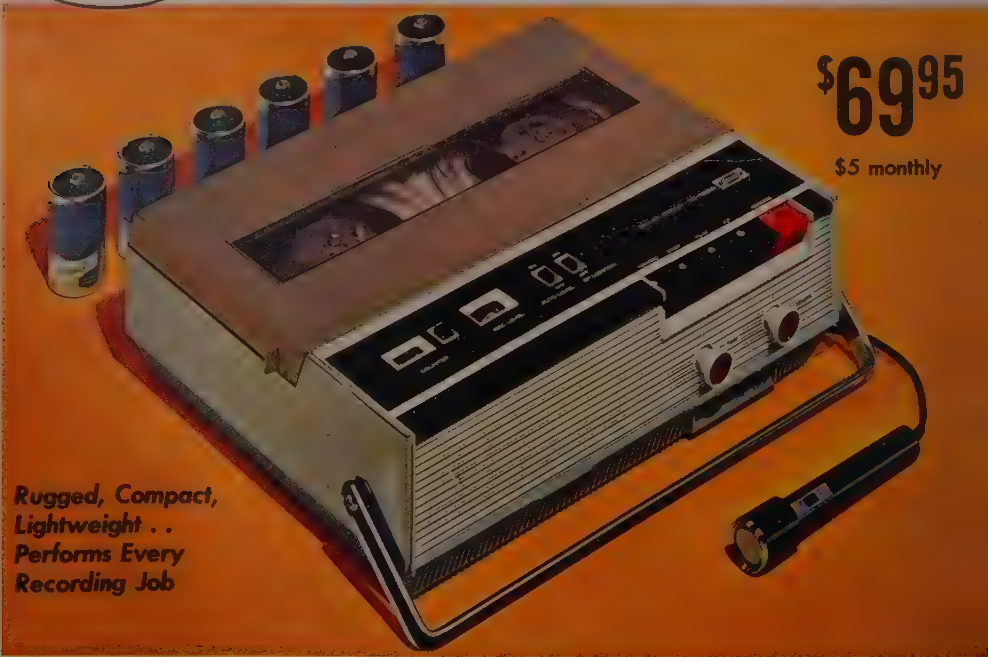


$\$99^{95}$

$5 monthly

Full-Feature Portable with Extra-Large Speaker for Extended-Range Music Reproduction

ALLIED New Model 1055 Battery/AC Portabl



$\$69^{95}$

$5 monthly

Rugged, Compact, Lightweight . . Performs Every Recording Job

New *ALLIED* 1050 Solid-State Full-Feature 7" Tape Recorder

utomatic Level Control for Always-Perfect Recordings
perates at 7½ and 3¾ ips • Full 7" Reel Capacity
olid-State Circuit Delivers Two Watts Peak Output Power
igital Counter and Pause Control Make Tape Editing Easy
peaker Monitor for Listening to Sound Being Recorded

-new Allied 1050 solid-state recorder is loaded with uxe extras for outstanding monaural tape recording l playback. Luxurious styling with uncluttered design handsome appearance and convenient vertical opera- a. Compact for easy portability, yet takes up to a full- 7" reel. Records and plays two-track monaural at 7½ 1 3¾ ips.

ality engineered recorder provides response of 50-12,000 for fine music reproduction. Solid-state amplifier ivers two watts peak output power to built-in 4x6" le-range speaker. Tone control lets you adjust response suit your own preference. Includes line output for use a deck to play through your music system.

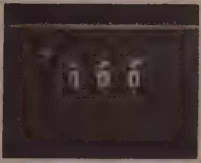
cord directly from any radio or phono, or use mike for recordings. Automatic level control maintains constant el, prevents distortion from over-loud sounds; can be tched off for music recording. Accurate recording level ter. High or low level speaker monitor switch. Accurate h-to-reset digital counter makes it easy to locate selec- as on a tape. Pause/fast forward control lets you edit es as-you-go.

ernal speaker jack. Reel locks. Accessory compartment rear for storing AC cord and mike. Carrying strap. lded transparent dust cover. 13½x13⅛x7⅜". With ke, 5" reel of tape, 5" takeup reel, splicing tape, patch d. For 110-120 VAC. Japan. Shpg. wt., 18 lbs.
C 7575 U. *$5 Monthly*........................**99.95**

DELUXE FEATURES OF THE ALLIED 1050

AUTO-LEVEL
ON
OFF

Automatic Level Control Prevents Distortion, Gives Perfect Recording Level Every Time



Accurate Push-to-Reset Digital Counter Makes Editing and Locating Selections on Tape Easy

Level Meter Gives Accurate Indication of Recording Level for Quality Recordings

Record Interlock Button Prevents Accidental Erasure of Your Tapes

New *ALLIED* 1055 Battery/AC Portable 5" Solid-State Tape Recorder

attery or 110 VAC Operation Allows Indoor or Outdoor Use
ast Easy-to-Use Pushbutton Controls • Tone Control
utomatic Level Control Keeps Recording Level Constant
ecord Level/Battery Condition Meter • Digital Counter
peaker Monitor Lets You Hear Material Being Recorded

-new Allied Model 1055 solid-state portable tape re- der offers great versatility and excellent performance. tually unlimited uses in the home, school or for busi- ıs. Use it for music at parties, indoors or out. Tape tures in school. Use for business meetings. Ideal for tation and tape correspondence—don't write, *record*. u can even tape the sound portion of your favorite TV ws for replay again and again. It's invaluable for college courses, too.

is compact portable can go with you anywhere— rates on batteries or AC. Records and plays two-track mo at 3¾ and 1⅞ ips. Features keyboard-type push- ton controls for quick and easy operation. Switchable omatic level control circuit assures you of perfect ordings every time. Prevents overload distortion by intaining constant volume level.

ilt-in 3x6" speaker provides full, wide-response sound surprisingly good music reproduction. Tone control. eaker monitoring lets you listen to material being orded. Includes push-to-reset 3-digit counter and t-forward for ease in editing or locating specific portions tape. Meter indicates volume level on record and nitors battery condition during playback.

puts: mike and aux. Outputs: extension speaker and dphone. High-impact case, 11⅘x9½x3½". With re- te, start-stop dynamic mike, six "D" batteries, AC d, patch cord, 5" reel of tape, 5" takeup reel. Japan. pg. wt., 9 lbs.
C 0016 X. *$5 Monthly*........................**69.95**

DELUXE FEATURES OF THE ALLIED 1055

ON
OFF
SP MONITOR

Speaker Monitoring System Lets You Hear Program Material As You Record It

Meter Indicates Level on Record and Battery Condition on Playback for Perfect Recordings

ON
OFF
AUTO LEVEL

Automatic Level Control Prevents Distortion, Assures You of Perfect Recording Every Time

0 0 0
COUNTER

Accurate Push-to-Reset Digital Counter Makes Editing and Locating Selections on Tape Easy

ALLIED New Model TD-1070 Automatic-Reversing Solid-State Three-Speed Stereo Tape Deck

ALLIED
AUTOMATIC REVERSE

Sensational Value! $299^95 $15 monthl

New ALLIED Matched Stereo Dynamic Mikes

New Allied dynamic mikes are perfectly matched for superb stereo performance. Omnidirectional pattern. Full 50-15,000 Hz response for high-fidelity reproduction. Output, −77 dB. Impedance, 10,000 ohms. On-off switches. Complete outfit consists of two mikes, two stands and custom-fitted carrying case. 9 lbs.
12 C 7158. *$5 Monthly* 59.95

LOADED WITH DELUXE FEATURES

- ★ Records in Both Directions
- ★ Continuous Automatic Replay
- ★ Automatic Stop at Preset Point
- ★ All Three Speeds Equalized
- ★ Sound-on-Sound Feature
- ★ Positive Solenoid Operation
- ★ Pause Control, Instant Release
- ★ Oversize Capacitor-Start Motor

New ALLIED TD-1070 Reversing Stereo Tape Dec

Sensational all-new automatic-reverse stereo tape deck *records and plays i* both directions without reel turnover. Has solid-state preamps for play back through your stereo system or console, plus stereo headphone amplifie with level control. Can be set for one complete play and shutoff, continuou replay, or automatic stop at a predetermined point.

Convenience-oriented controls. Fast solenoid operation. Fold-down pane conceals recording interlocks and inputs. Automatically equalized respons at all three speeds. Four heads (two in each direction). Sound-on sound. Leve meters, 4-digit counter. Inputs: 2 mike, 2 aux. Outputs: 2 line, headphones With oiled walnut-veneer case, 7" takeup reel, patch cords. Optional mike at left. For 117 V, 60 Hz AC. From Japan
15 C 7578 U. Shpg. wt., 35 lbs. *$15 Monthly* .299.9

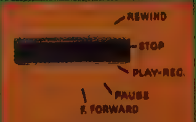
SPECIFICATIONS

Speeds: 7½, 3¾, 1⅞ ips. *Frequency Response:* 30-20,000 Hz at 7½ ips 50-14,000 Hz at 3¾ ips. *Flutter/Wow:* less than 0.15% at 7½ ips; 0.2% a 3¾ ips; *Signal-to-Noise:* −50 dB. *Harmonic Distortion:* less than 1%. *Size* 12⅝x19x7½".

Solid-State Stereo Tape Deck by ALLIED

ALLIED
4 TRACK STEREO TAPE DECK

ged Panel Hides
ording Controls
nd Mike Inputs



Five-Position
Function Control
with Instant Stop

Capacitor-Start
Motor for Smoother
Running, More Power

LLIED TD-1030 Three-Speed Stereo Tape Deck

35⁰⁰ $7 monthly

- Built-In Amplifier for Stereo Headphones
- Two Level Meters • Full 7" Reel Capacity
- Automatic Tape Lifters • End-of-Tape Shutoff

ectacular value—Allied's *own* deluxe solid-state stereo tape deck, in- g a smart oiled walnut veneer case, at an amazingly low price! otional design and quality; it features record/play preamps for 4-track /mono to play through your stereo system or console. Or you can simply n stereo headphones—this deck has a built-in stereo headphone amplifier its own level control. Boasts full frequency response for brilliant stereo. single-knob control, two level meters, record ready light, push-to-reset l counter. Operates vertically or horizontally. Inputs: 2 mikes; 2 aux. oiled walnut-veneer wood case, 7" takeup reel, patch cord, splicing dust cover. Order mikes below. For 117 V, 60 Hz AC. Japan.

103 U. Shpg. wt., 23 lbs. *$7 Monthly*........................ 135.00
162. **Allied Model 4525 Mike.** Use 2 for stereo. Wt., 1 lb....... Each 12.95
163. **Mike Case.** Compartments for 2 mikes, cables. Wt., 1 lb........ 9.85

SPECIFICATIONS

s: 7½, 3¾, 1⅞ ips. *Frequency Response:* ±3 dB, 30-18,000 Hz at 7½ ips; B, 40-12,000 Hz at 3¾ ips. *Flutter/Wow:* less than 0.15% at 7½ ips; 0.25% ips; 0.45% at 1⅞ ips. *Signal-to-Noise Ratio:* 50 dB. *Harmonic Distortion:* 1%. *Equalization:* NAB at 7½ ips. *Size:* 15½x13½x6¾".

> *. . if you're looking for a "best buy" in tape decks . . . you might do well to look into ied's TD-1030 stereo tape deck. As far as cost, performance, and looks go, the TD-1030 serves an "E" for excellence."* POPULAR ELECTRONICS.

SPECIAL BONUS OFFER

WITH ALLIED TAPE DECK

Two Allied 4525 Dynamic Mikes and Deluxe Fitted Mike Carrying Case Only $4.95 More

Save $30.80

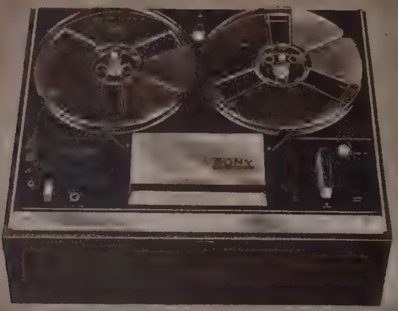
Deck and Bonus **$139⁹⁵** $7 monthly

Complete Recording Outfit Bonus Value

- 2 Allied Model 4525 Microphones
- Luxurious Mike Carrying Case
- TD-1030 Stereo Tape Deck

Separately, $170.75. **Includes Allied TD-1030 Stereo Tape Deck, 2 Allied Model 4525 Dynamic Mikes with Plugs, Deluxe Fitted Mike Carrying Case.** Designed for recording, mike has 80-10,000 Hz response, −58 dB output. High impedance. Omnidirectional. 4¾x1 1/32" diameter. Complete with cords and attached plugs. Shpg. wt., 26 lbs.
15 C 0082 L2U. *$7 Monthly* 139.95

Complete Your Stereo Music System with a Quality Solid-State Stereo Tape Deck or Tape Player



Deluxe Tape Player for Only \$99^{50}
$5 monthly

Sony 155 Three-Speed 4-Track Stereo Tape Player

- **Non-Magnetizing Heads for Cleaner Sound**
- **Retractable Pinch Roller for Easy Threading**
- **Solid-State Playback Preamps** • **Instant Stop**
- **Complete with Walnut Case and Dust Cover**

Now you can add stereo tape playback facilities to your music system at a really *low* price. Makes an excellent addition to systems that already have stereo tape record/playback equipment, too. This player, when used with your present tape deck, permits you to dub recordings (duplicate your friends' tapes), and do professional-quality sound-on-sound, *in stereo.*

Stereo hi-fi tape player has advanced solid-state preamplifiers, lets you plug directly into low-gain auxiliary or recorder input of your music system. Incorporates scrape-flutter filter and non-magnetizing heads to fight tape distortion and tape hiss—you hear only pure life-like stereo sound. Operates at three speeds for maximum versatility: 7½, 3¾, and 1⅞ ips. Tape motion control for play, fast forward and rewind functions. Automatically shuts off at end of tape. Headphone jack.

Automatic tape lifters protect heads and tape during fast forward and rewind. Press-to-reset four-digit counter for easy, accurate indexing. Exclusive retractable pinch roller for convenience in threading tape. Operates vertically or horizontally. Frequency response: 30-18,000 Hz at 7½ ips. Takes up to 7" reels. With handsome walnut enclosure, 7" takeup reel. 15⅜x6¾x12½". For 110-120 volts, 60 Hz. Japan. *Plays back recorded tapes only—does not record.* 17 lbs.
15 C 7558 X. *$5 Monthly*..............99.50

A New Panasonic RS-766US Stereo Tape D

Precision solid-state tape deck records and plays four-track
through your present stereo music system or console. Has two
level meters, four-digit push-to-reset tape counter for maximu
ing control. Single lever for rewind, play, instant stop, and fa
ward. Automatic shut-off turns power off at end of reel. 7½, 3
ips. Frequency response, 40-16,000 Hz at 7½ ips. 7" reel capacity
plete with walnut case, 7" takeup reel. Size, 14x12x6¾". For 11
From Japan. Shpg. wt., 17½ lbs.
15 C 7141 U. *$7 Monthly*..............................1

B Sony 255 Solid-State Stereo Tape Deck

Superb Sony stereo at a modest price. Records, plays 4-track s
mono at 7½, 3¾, 1⅞ ips. Plays through stereo system or c
Records sound-with-sound. Two level meters, digital counter,
matic tape lifters. Scrape-flutter filter cuts distortion. Non-ma
ing head circuit helps prevent tape hiss. Easy-threading ret
matic pinch roller. Response: 30-18,000 Hz. Flutter/Wow: 0.0
7½ ips. 7" reel capacity. With dust cover, walnut case, 7" takeu
15⅜x7¼x13¾". For 117 VAC. From Japan. Shpg. wt., 24 lbs.
15 C 7566 U. *$8 Monthly*..............................1

C New Roberts 450 Three-Head Stereo Tape

All-silicon-transistor deck has professional three-head design
mits direct monitoring and recording sound-with-sound.
through your stereo system or console. Dynamically balanced
permanent split-capacitor motor. Record level meters. Stereo
phone jack. Track selector knob for choosing stereo or monaura
back. Automatic shutoff, instant stop control. For vertical o
zontal operation. Response: 50-15,000 Hz at 7½ ips. Wow/F
0.2% at 7½ ips. 7" reel capacity. With wood case, 7" takeu
11⅞x15¾x5½". 100/240 V, 50/60 Hz. Japan. 26 lbs.
15 C 7032 U. *$9 Monthly*..............................17

D Sony 355 Three-Head Stereo Tape Deck

Solid-state preamps for record/play of 4-track stereo and mo
7½, 3¾, 1⅞ ips. Erase, record, play head arrangement permits
tape monitoring, echo, sound-on-sound. Scrape-flutter filter an
magnetizing head circuit help prevent tape modulation disto
hiss. Level meters, digital counter, automatic tape lifters, retra
pinch rollers for easy threading. Noise suppressor switch. 20-
Hz. Flutter/Wow: below 0.09% at 7½ ips. 7" reel cap. Verti
horizontal operation. Dust cover, walnut case, 7" takeup reel.
7 1/16x14". 117 VAC. Japan. Shpg. wt., 26 lbs.
15 C 7567 U. *$10 Monthly*..............................19

E Ampex 750 Three-Speed Stereo Tape De

Famous Ampex quality at a moderate price. Records and pl
track stereo and mono at 7½, 3¾ and 1⅞ ips. Solid-state pre
long-life deep-gap heads, dual capstan drive. Tape monitoring, s
with-sound, sound-on-sound and echo. Automatic tape lifters, d
counter, automatic shutoff, two record level meters. Full
of inputs and outputs. Response: 15-15,000 Hz at 7½ ips.
ter/Wow: 0.15% at 7½ ips. With 7" takeup reel. 13⅝x16x7⅞
115 VAC. Optional case below. Shpg. wt., 35 lbs.
15 C 7387 U. *$10 Monthly*..............................19
15 C 7554 X. Wood Case. Shpg. wt., 13 lbs. *$5 Monthly*........

F Ampex 1450 Automatic-Reversing Stereo D

Solid-state deck records and plays 4-track stereo, has "Encore"
matic reversing for continuous playback. Plays through your s
system or console. Four Ampex deep-gap heads allow direct mo
ing, sound-with-sound. Automatic threading. Record level m
Dual capstan drive for perfect tape-to-head contact without
producing pressure pads. 7½, 3¾, 1⅞ ips. Response: 50-15,00
at 7½ ips. Flutter/Wow: 0.15%. With 7" takeup reel. 13x15¾x
115 VAC. Case below. Shpg. wt., 35 lbs.
15 C 7242 U. *$15 Monthly*..............................29
15 C 7554 X. Wood Case. Shpg. wt., 13 lbs. *$5 Monthly*........

ew Panasonic RS-766US Stereo Tape Deck

$\$129^{95}$

$7 monthly

New Roberts 450 3-Head Stereo Deck

$\$179^{95}$

$9 monthly

Ampex 750 Stereo Tape Deck

$\$199^{00}$ less case

$10 monthly

B **Sony Model 255 Stereo Tape Deck**

$\$159^{50}$

$8 monthly

D **Sony 355 3-Head Stereo Tape Deck**

$\$199^{50}$

$10 monthly

F **New Ampex 1450 Deck With Automatic Reverse**

$\$299^{00}$ less case

$15 monthly

Popular Solid-State Stereo Tape Decks

$199^95

$10 monthly

PANASONIC 796 Automatic Reversing Deck

Value-priced automatic reversing tape deck records and plays 4-track stereo and mono in both directions, through your music system. Conveniently plays both tracks without bothersome reel turnover and re-threading. Deluxe dual-capstan drive. Dual record level meters. Speeds: 7½, 3¾, 1⅞ ips. Frequency response, 40-15,000 Hz at 7½ ips. Flutter/Wow, under 0.25% at 7½ ips. Signal-to-Noise ratio, over 50 dB. 13 semiconductors. Size, 14x19½x7¾". With handsome wood case and 7" takeup reel. Less mikes. 117 VAC. Japan. Shpg. wt., 38 lbs.
15 C 7465 U. *$10 Monthly* 199.95

$329^95

$16 monthly

BELL & HOWELL 2291 Automatic Reversing Deck

Automatic reversing, plus lots of other convenience features. Records and plays 4-track stereo or mono in both directions, through your music system or console. Three-position cycle control with automatic reversing. Fully automatic tape threading. Also automatic: shutoff, head degaussing, and tape lifters. Pause control. Dual record/playback level meters. 7½, 3¾, 1⅞, $\frac{15}{16}$ ips. Response: 40-17,000 Hz at 7½ ips. Mike, aux. inputs. Vertical or horizontal operation. $13\frac{5}{16}$x$15\frac{11}{16}$x8½". Case, 7" takeup reel. Less mikes. 117 VAC. 39 lbs.
15 C 7031 U. *$16 Monthly* 329.95

$374^95

$18 monthly

VIKING
433 Professio
Three-Head D

Silicon-solid-state deck has 3 head
permit monitoring, plus switch-
trolled echo and sound-on-sound
luminated windows indicate func
Three motors, digital counter,
meters, total shut-off at end of t
pause control. Vertical or horiz
operation. 7½, 3¾, 1⅞ ips. 40-18
Hz at 7½ ips. Flutter/Wow, u
0.2%. Mike aux. inputs with mi
facilities. Outputs for amplifier, 4
ohm headphones. 14⅜x15¾x8¾
takeup reel. Less mikes. Case be
117 VAC. Wt., 30 lbs.
15 C 7448 U. *$18 Monthly* 374
15 C 7449 X. Wood Case. 4 lbs... 2

$299^50

$15 monthly

SONY 560 E.S.P. Auto-Reversing Deck

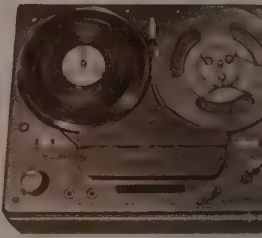
Unique deck records and plays 4-track stereo or mono in both directions—E.S.P. feature reverses tape without any sensing tapes or pulses. Dual capstan drive system with Sony "Retractomatic" pinch roller, "Servo-control" motor. Two record level meters, digital tape counter. Automatic sentinel shut-off after tape has made complete reverse cycle. 7½, 3¾, 1⅞ ips. Operates vertically or horizontally. Response: 30-18,000 Hz at 7½ ips. 15½x16x6½". With walnut case, 7" takeup reel. Mike below. For 117 VAC. From Japan. Wt., 29 lbs.
15 C 7049 U. *$15 Monthly* 299.50
15 C 7046. Mike. Wt., 1 lb... Each 10.50

$489^50

$21 monthly

SONY 666D Deck With Solenoid Controls

Professional 4-track deck has full solenoid operation. Records, plays stereo or mono—E.S.P. reverses tape without sensing tapes or pulses. Automatic shutoff. Scrape flutter filter. Three motors, including hysteresis-synchronous capstan drive. Record level meters, instant stop, tape counter. Sony noise reduction system. Vertical or horizontal operation. Stereo headphone jack with 2-position level control. Speeds: 7½, 3¾ ips. Response, 20-22,000 Hz at 7½ ips. With walnut case, 7" takeup reel, dust cover. Less mikes. $16\frac{5}{8}$x$17\frac{3}{16}$x$8\frac{1}{16}$". For 117 VAC. From Japan. Shpg. wt., 58 lbs.
15 C 7573 Z. *$21 Monthly* 489.50



$549^00

$23 monthly

TANDBERG
Model 64X Del
Four-Head De

Precision deck records, plays 4-t
stereo and mono through your m
system. Delivers hi-fi performa
even at slow recording speeds. Sp
bias head for full 20-18,000 Hz
sponse at 3¾ ips. Hysteresis-sync
nous drive motor. Four heads pe
tape monitoring, sound-on-sound. I
electronic eyes. Automatic shu
pause control. FM multiplex filter.
sponse, 20-25,000 Hz at 7½ ips. F
ter/Wow, 0.15% at 7½ ips. Spe
7½, 3¾, 1⅞ ips. Size, 15⅜x11
6⅝". With teak base, 7" takeup
Less mikes. For 117 VAC. F
Norway. Shpg. wt., 23 lbs.
15 C 7650 Z. *$23 Monthly* 549

id-State Stereo Tape Cassette Decks, Recorders

AIWA

Stereo Tape Cassette Deck

95 • Cassette Pops-Up for Quick, Easy Removal
thly • Headphone Output

9. Easy-to-use deck records and
compact, modern stereo tape
es through your stereo system.
y-styled deck records and plays
: stereo and 2-track mono. Cas-
ops-up for easy loading and re-
Pushbutton controls, pause
ls, push-to-reset digital counter
o level meters.

nse: 50-10,000 Hz at 1⅞ ips.
: 2 mike, 2 aux. Outputs: 2
p, stereo headphone jack. Wal-
od sides. 3¼x11x10". With C-60
e, patch cords. For 117 VAC.
Japan. Shpg. wt., 9 lbs.
251 S. *$5 Monthly*.......99.95

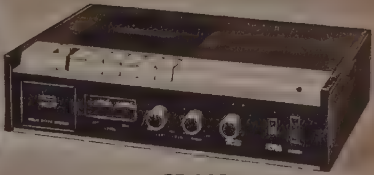
CONCORD

Teak Stereo Cassette Deck

$\$99^{50}$ • Handsomely Styled Solid Teak Cabinet
$5 monthly • Cuing Device

F-105. Record radio programs, or "live" with mikes, on handy tape cassettes for playback through your home stereo music system. Records and plays 4-track stereo at 1⅞ ips. Cuing device makes it easy to edit tapes. Excellent also for playing prerecorded stereo tape cassettes.

All solid-state circuit. Has two accurate recording level meters. Capstan drive. Wide-range frequency response. Inputs: 2 mike, 2 aux. Outputs: 2 preamp. Attractive solid teak cabinet with dust cover. 3x9½x8½". For 117 VAC. Japan. 5 lbs.
15 C 7523 X. *$5 Monthly*.......99.50



CRAIG

New Deluxe Cassette Deck

$\$119^{95}$ • Recording Selector for Stereo-Mono
$6 monthly • Headphone Output

2704. New stereo tape cassette deck is loaded with features for operating convenience and fine performance. Records 4-track stereo or 2-track mono for play through your music system. Easy-to-use keyboard-type push-button controls with separate eject button for quick cartridge removal.

Two illuminated level meters, magnified instant-reset digital counter. Response: 50-10,000 Hz at 1⅞ ips. Inputs: 2 mike, 2 aux. Outputs: 2 preamp, concealed headphone jack. Walnut-finish wood cabinet. 3¾x14¼x9½". 117 VAC. Japan. 13 lbs.
15 C 7252 X. *$6 Monthly*.....119.95

w Stereo Tape Cassette Recorder/Deck

Deluxe model provides top performance as a deck
ying through your music system, and also has built-
eo amplifier for playback through external speakers.
ls and plays 4-track stereo and 2-track mono at 1⅞
eatures: stereo level meter, digital counter, push-
controls with pause. Response: 60-10,000 Hz.
s: 2 mike, 2 auxiliary. Outputs: preamp, external
ers, stereo headphone. Teak cabinet, 3½x12½x8½".
two dynamic mikes. For 117 VAC. From Holland.
wt., 13 lbs.
210 S. *$8 Monthly*......................143.50

NORELCO

Built-In Playback Amplifiers

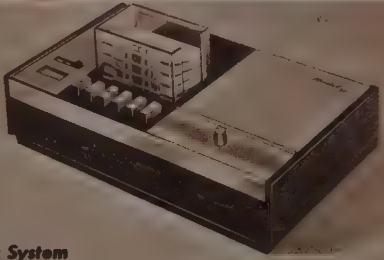
$\$143^{50}$
$8 monthly

e With
corded
ettes

59^{50}
monthly

Automatic Cassette Changer

$\$99^{95}$
$5 monthly



NORELCO

Play Stereo Cassettes Through Your System

w Stereo Tape Cassette Playback Deck

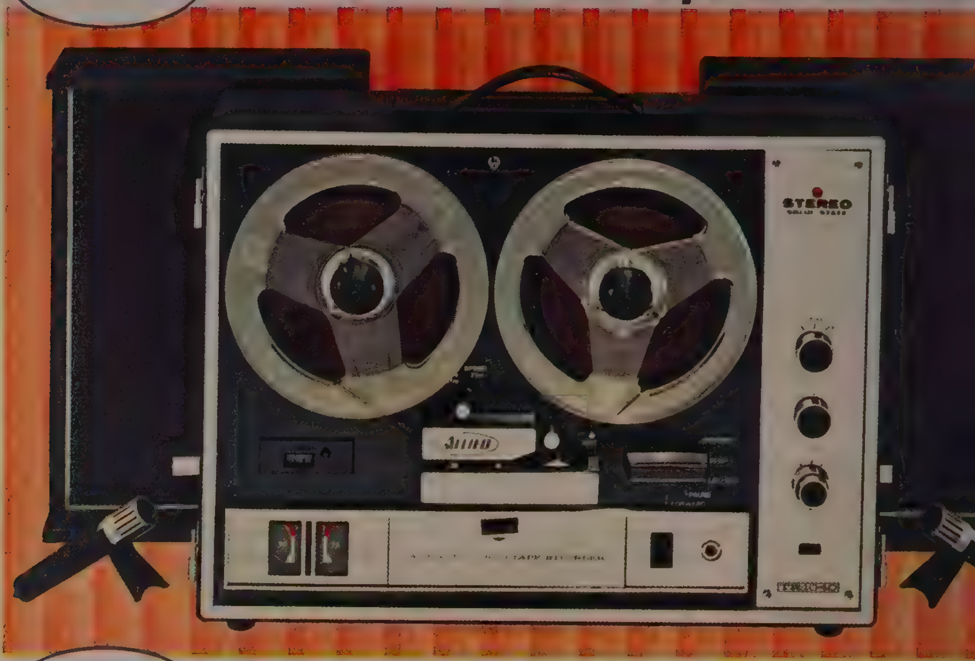
Now you can add tape cassette playing facilities
ur home music system. Compact deck plays through
tereo or mono amplifier—enjoy the wide variety of
corded tape cassettes available. Easy single-knob
ol for rewind, play, stop and fast forward. Push-
n cassette ejector makes loading and removal of
tes easy. Walnut base with dust cover. 2¼x8x4½".
17 VAC. Holland. *Does not record.*
7211 S. Shpg. wt., 4½ lbs. *$5 Monthly*........59.50

New Automatic Stereo Cassette Changer Deck

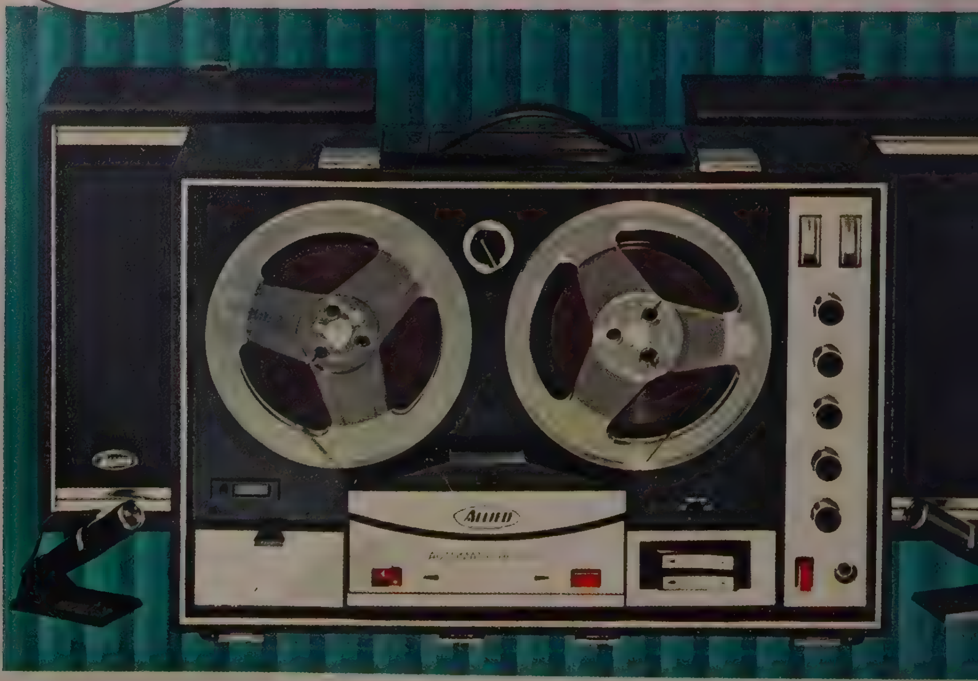
2502. Remarkable stereo tape cassette changer plays up to six pre-recorded cassettes, *automatically!* Adds cassette playing versatility to your stereo system. Automatic stop after last cassette plays. Features pushbutton controls for easy operation. Automatic cassette ejector. Plays standard Philips-type 4-track stereo tape cassettes at 1⅞ ips. Luxurious teakwood cabinet. 4x13x9". For 117 VAC. Holland. Shpg. wt. 18 lbs. *Does not record.*
15 C 7218 S. *$5 Monthly*..........................99.95

Decks On This Page Use Only Standard Philips-Type Tape Cassettes

ALLIED Solid-State Stereo Tape Recorder


STEREO
ALLIED

ALLIED Automatic-Reversing Stereo Record



Enjoy a Stereo Tape Recorder Now, Use Allied's Credit Fund

ALLIED® TR-1040 Solid-State 3-Speed Stereo Tape Recorder

179^95

$9 monthly

- Built-In Stereo Amplifier
- Three-Speed Capstan Drive
- Instant-Stop for Editing
- Detachable Stereo Speakers
- Attractive Portable Case

's own feature-packed solid-state stereo tape re-
offers outstanding performance plus clean, un-
red styling for handsome appearance and sim-
of operation. Play back pre-recorded stereo tapes
amazing clarity and realism, or make your own
k stereo or mono tapes. Record from any radio,
, or "live" using mikes included.

vatt-peak solid-state stereo amplifier. Two de-
ble wide-range speakers can be separated for full
realism. Speaker enclosures close to form cover
order for easy portability. Preamp outputs let you
corder as a deck to play through your stereo sys-
or even greater fidelity. Stereo headphone jack
ivate listening, too.

enient, easy-to-use single-knob function control
les instant-stop feature for editing. Recording
ols and inputs are neatly concealed behind a fold-
panel. Separate volume and tone controls for each
nel. Two large, professional-type level meters as-
ou of quality recordings. Has accurate, push-to-
digital counter. Automatic tape lifters protect
during rewind.

ls: 7½, 3¾, 1⅞ ips. Inputs: 2 mike, 2 aux. Out-
preamp, 2 extension speakers, headphone. *Re-
e:* 40-16,000 Hz at 7½ ips. *Flutter & Wow:* under
at 7½ ips. 13⅝x18½x9⅞". With 7" takeup reel,
nikes, patch cords. For 110-120 V, 60 Hz AC.
. Shpg. wt., 34 lbs.
7104 U. *$9 Monthly*.................... **179.95**

ew ALLIED TR-1080 Solid-State tomatic-Reversing Stereo Recorder

349^95

$17 monthly

- Records in Both Directions
- Records Sound-on-Sound
- All Three Speeds Equalized
- Positive Solenoid Operation
- Speakers Separate for Stereo

nificent new Allied automatic-reversing stereo
recorder records and plays in both directions with-
eel turnover. Brings you a new degree of conven-
and versatility in recording. Can be set for one
lete play and shutoff, continuous replay, or auto-
stop at any predetermined point.

-range speaker enclosures separate for stereo—
cover for recorder. Solid-state stereo amplifier pro-
full, rich sound. Sound-on-sound, plus sound-with-
d for special effects. Preamp outputs let you use
der as a deck for play through your stereo system.
e control with instant release and push-to-reset
digit counter make editing-as-you-go easy.

ern rocker switches and fast, positive-acting sole-
operation. Volume control for each channel, bass
treble controls. Speaker on-off switch. Fold-down
l conceals recording interlocks and inputs. Auto-
cally equalized response at all three speeds. Auto-
c tape lifters. Powerful, oversize capacitor-start
or. Two large level meters.

ds: 7½, 3¾, 1⅞ ips. Inputs: 2 mike, 2 aux. Out-
: preamp, 2 ext. speakers, front-panel stereo head-
ne jack. *Response:* 40-19,000 Hz at 7½ ips. *Flutter
ow:* under 0.15% at 7½ ips. Portable case is cov-
with scuff-resistant vinyl. 12¾x19⅛x12¼". With
akeup reel, 2 mikes with stands, patch cords,
ing tape. For 110-120 V, 60 Hz AC. Japan. Shpg.
45 lbs.
7579 U. *$17 Monthly*.................... **349.95**

Choose One of Allied's Fine Stereo Recorders

NEW $159^95** **$8 monthly

ALLIED TR-1035 Solid State-Stereo Recorder with Built-In Speakers

- Two Built-In Full-Range Speakers for Easy Portability
- Solid-State Stereo Amplifier
- 3-Speed Operation
- Convenient Single-Knob Function Control with Instant Stop
- Stereo Headphone Jack
- Automatic Tape Lifters

New solid-state stereo tape recorder provides exceptional performance at moderate cost. Records and plays 4-track stereo with superb clarity. Full-fidelity mono playback, too. Lets you capture the actual sound and feeling of an event like a fine camera captures the picture. Build-up your own tape library by using mikes to record "live" performances, or record from any radio or phono.

Boasts two wide-range speakers—built-in for easy portability. Solid-state stereo amplifier delivers plenty of power for true-to-life stereo and crystal-clear mono. Separate volume controls for each channel, plus tone control for emphasizing bass or treble. Recorder can also be used as a stereo tape deck with your music system for even greater stereo fidelity.

Deluxe features include: single-knob function control with instant stop; automatic tape lifters to prevent wear on heads during rewind; push-to-reset digital counter; two large recording level meters; front-panel stereo headphone jack; automatic shutoff at end of reel. Speaker on-off switch.

Speeds: 7½, 3¾, 1⅞ ips. Inputs: 2 mike, 2 aux. Outputs: preamp, 2 extension speakers, headphones. *Response:* 40-15,000 Hz at 7½ ips. *Flutter & Wow:* under 0.15% at 7½ ips. Vinyl-covered case, 12½x15¾x7⅜". With 7" takeup reel, 2 mikes, patch cords. For 110-120 V, 60 Hz AC. Japan. Shpg. wt., 32 lbs.
15 C 7577 U. *$8 Monthly*.................... **159.95**

$\$159^{95}$ **PANASONIC** **A**

$8 monthly

STEREO PHONIC
PANASONIC

ROBERTS **B** $\$179^{95}$

$9 monthly

ROBERTS 1719

Popular-Priced Solid-State Stereo Recorders

HITACHI

C $\$159^{95}$

$8 monthly

AIWA **D** $\$149^{95}$

$8 monthly

AIWA
AIWA
AIWA

tstanding Values in Stereo olid-State Tape Recorders

anasonic RS-760S Stereo Tape Recorder

sional-looking solid-state model records and plays stereo and mono at 7½, 3¾, 1⅞ ips. Sound-on- and Trans-a-Track for special effects. Direct moni- two VU meters, pause control for editing, automatic . Two built-in 6x4″ speakers. Response: 50-17,000 7½ ips. Flutter/Wow: 0.25% at 7½ ips. Inputs: 2 2 radio/phono/TV. Outputs: Preamps, external r, stereo headphone. With two mikes, 7″ reel tape, eup reel, splicing tape, patch cords. 14x13½x7″. 0 V, 60 Hz AC. Japan. Wt., 22 lbs.
224 U. *$8 Monthly*.......... 159.95

8] Roberts 1719 Stereo Tape Recorder

act stereo recorder features solid-state circuit with ts peak music power per channel and two built-in rs. Records and plays 4-track stereo or mono at 3¾ ½ ips. Volume and tone controls for each channel counter; twin level meters. Sound-with-sound. atic shut-off. Source monitoring. 40-15,000 Hz at s. Flutter and Wow: 0.25% at 7½ ips. Two mike, 2 phono inputs. Outputs: Equalized preamp, external rs, stereo headphone. 15⅛x14⅝x9″. One mike, 7″ reel. Japan. 115 V, 60 Hz AC. Wt., 25 lbs.
384 U. *$9 Monthly*.......... 179.95

New! Hitachi TRQ-717 Stereo Recorder

ent performer records and plays four-track stereo ono at 7½, 3¾ and 1⅞ ips. Automatic level control ts distortion from over-loud sounds. Automatic f. Two built-in 6x4″ speakers with reflectors. Con- t pushbuttons, digital counter, twin VU meters, r headphone and source monitoring. Takes 7″ reels. nse: 50-15,000 Hz at 7½ ips. Inputs: 2 mike, 2 aux. ts: Earphone, ext. speakers. With two stand-up mikes, of tape, takeup reel, patch cord. 13 11/16x15 1/32x7 1/32″. 17 V, 60 Hz AC. Japan. Shpg. wt., 25 lbs.
096 U. *$8 Monthly*.......... 159.95

iwa TP-1012 Battery/AC Stereo Recorder

ds and plays full-range 4-track stereo or mono tapes ere—home, car, beach, outings. Boasts big-recorder es: level meters for each channel, automatic shutoff, counter, AC bias/erase, pause control, 7″ reel ity. 7½, 3¾, 1⅞ ips. 50-16,000 Hz. Output, 5 watts. s: 2 mike, 2 aux. Outputs: stereo headphones, ext. ers. Compartment for two mikes and AC line cord. 2 mikes, 5″ reel of tape, takeup reel, 8 "D" batteries, ord, 12-volt car cord. Size, 13½x12⅜x7¼″. From . Shpg. wt., 17 lbs.
151 U. *$8 Monthly*.......... 149.95

$179.95

$9 monthly

WOLLENSAK

Model 5740 Stereo Tape Recorder

- Speakers Separate Up to 9′ for Full Stereo Realism
- Central Control Panel For Convenient Operation
- Automatic Tape Lifters
- Automatic Head Demagnetizer

Professional features assure quality stereo recordings. Records and plays 4-track stereo or mono at 7½, 3¾ and 1⅞ ips. Detachable enclosures with 6″ speakers separate up to 9′, close to form cover. Monitor headphone jack; head demagnetizer; automatic tape lifters; self-adjusting brakes; automatic shut-off; reel locks; digital counter; pause control. Tone and volume controls for each channel. Outputs: preamps, extension speakers. Response: 40-17,000 Hz at 7½ ips. Flutter and Wow: less than 0.25% at 7½ ips. One mike, reel of tape, 7″ takeup reel. 10¼x19¾x10″. 115 VAC.
15 C 7341 U. Wt., 29 lbs. *$9 Monthly*.......... 179.95

$164.95

$9 monthly

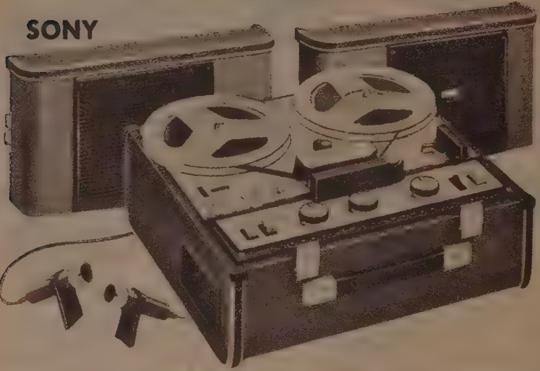
CRAIG

Model 2202 Battery/AC Recorder

- Compact Portable with Professional Features
- Operates on Batteries, 115 VAC, or 12 VDC
- 3¾, 1⅞, 15/16 ips—Up to 8 Hours/Reel

Compact solid-state 3-speed stereo recorder makes extra-clear, realistic recordings. Easily carried and used anywhere. Uses 6 "D" batteries (below), 115 VAC, or 12-volt battery. Sound-on-sound, sound-with-sound. Built-in speakers. Keyboard function controls; volume and tone controls for each channel; deluxe level meters; digital counter; automatic stop. Reel capacity, 5″. With 2 mikes, patch cords, AC cord, auto lighter cord, 5″ takeup reel, splicing tape. 10½x12x5¾″. Japan. Shpg. wt., 18 lbs.
15 C 7487 U. *$9 Monthly*.......... 164.95
18 C 5079. "D" Batteries. 10 oz.......... 4/65¢

Deluxe Solid-State Stereo Portable Recorders



Sony Model 200 Full-Feature Record

$189⁵⁰
$10 monthly

- Full 7-inch Reel Capacity
- Speakers Separate Up to 15 F
- Pause Control and Digital Cou

Records, plays 4-track stereo or mono at 7½,
ips. Two-section carrying cover separates to for
wide-range speaker systems. Interchannel tran
(sound-on-sound) for multiple track, special effe
Automatic tape lifter protects heads. Pause cont
digital counter, 2 level meters Response: 30-17,
Hz at 7½ ips. Flutter/Wow: below 0.12% at
ips. Inputs: 2 mike, 2 hi-level radio/phono/TV. O
puts: 2 Preamp, 2 ext. speaker, stereo headpho
9x15x16". Two mikes, 7" takeup reel. For 110-
V, 60 Hz AC. Japan. Shpg. wt., 32 lbs.
15 C 7007 U. *$10 Monthly*.................189.

$179⁹⁵
$9 monthly

$199⁹⁵
$10 monthly

- Single "V" Function Control Operation
- Wide-Range Stereo Speaker Systems
- Sound-on-Sound • 7" Reel Capacity

Aiwa TP-1001 Extra-Value AC Recorder

Fine value in a deluxe solid-state stereo recorder with most-wanted features. Plays and records 4-track stereo and mono at 7½, 3¾, 1⅞ ips. Precision hysteresis-synchronous motor for precise regulation of all three speeds. Two level meters; pause control for editing; 4-digit counter; stereo headphone jack; volume, tone controls each channel. 7" capacity. 70-15,000 Hz at 7½ ips. Flutter/Wow: 0.15% at 7½ ips. Includes 2 mikes with stands, 7" tape, reel, patch cords, splicing tape. 14½x13½x10". For 117 VAC. Japan.
15 C 7289 U. Shpg. wt., 12 lbs. *$9 Monthly*....179.95

Craig Model 2403 "V" Control Recorder

Feature-packed stereo tape recorder plays and records stereo and mono at 7½, 3¾ and 1⅞ ips. Single "V" function control for ease of operation; concealed recording controls; dual level meters; tone, volume controls for each channel. Wide-range 4" stereo speakers separate for optimum stereo. Digital counter, stereo headphone jack. Response, 20-15,000 Hz at 7½ ips. Size 18¼x14¼x11¼". With two microphones, 7" takeup reel, patch cords. For 110-120 V, 60 Hz AC. From Japan. Shpg. wt., 35 lbs.
15 C 7484 U. *$10 Monthly*.................199.95

NEW at ALLIED

$199⁹⁵
$10 monthly

Hitachi TRQ-707 Pushbutton Record

- "Levelmatic" Feature • Sound-on-Sound Recordi
- Tape Monitoring Facilities • 7-inch Reel Capacit

New, and with many important features. "Lev
matic" feeds steady signal to tape—avoids fadi
blasting. Monitor lets you hear program mate
directly off tape. Records, plays 4-track stereo a
mono at 7½, 3¾, 1⅞ ips. Two detachable
closures, each with 6½x2" speaker. Tone cont
digital counter; two level meters; automatic st
50-15,000 Hz at 7½ ips. Two auxiliary inputs
outputs. Two mikes with stands, 5" tape, r
14¾x8¹⁄₁₆x14". For 117 VAC. Japan.
15 C 7135U. Wt., 31 lbs. *$10 Monthly*.....199.

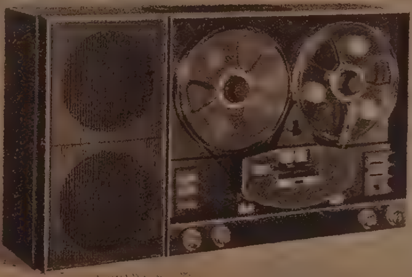
Connoisseur's Selection of Stereo Recorders

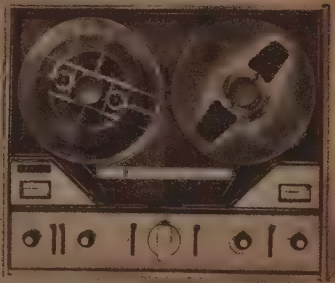
Y 530 Solid-State Stereo Recorder

2-Way Speaker Systems
att Stereo Amplifier
Mikes • 7" Capacity

$299.50
$15 monthly

ful 40-watt amplifier drives quadraxial hi-fi r systems. Woofers are in case, tweeters chable covers. Records, plays 4-track stereo ono at $7\frac{1}{2}$, $3\frac{3}{4}$, $1\frac{7}{8}$ ips. Retracting pinch for easy threading. Automatic tape lifters. illuminated level meters. Pause control, counter for editing, cuing. Automatic f. Use vertically, horizontally. Wow/Flutter, at $7\frac{1}{2}$ ips. 30-18,000 Hz at $7\frac{1}{2}$ ips. Inputs: e, 2 radio-phono. Outputs: Preamp, ext. r. $15\frac{3}{4}$x$19\frac{3}{4}$x10". 2 mikes, patch cord, 7" reel. 117 VAC. From Japan.
236 U. Wt., 48 lbs. *$15 Monthly*....299.50





99.95
3 monthly

ROBERTS
New 770X-SS
Tape Recorder

deluxe solid-state 4-speed re- offers powerful 40-watts music . Extra-wide range at all speeds. sive Crossfield head with sepa- bias supply increases bass re- e one octave even at slow speed.

onse at $7\frac{1}{2}$ ips is a full 30-22,000 Records and plays 4-track stereo nono. Instant-stop for editing as ecord. Large level meters; digital er; automatic shutoff; tape clean- uilt-in speakers. 7" capacity.

ds sound-on-sound. Hysteresis r. Flutter/Wow: under 0.15% at os, S/N: 50 dB. $20\frac{1}{2}$x$13\frac{3}{4}$x11". dynamic mikes, 7" reel. 117 VAC. Japan. 49 lbs.
7378 U. *$18 Monthly*...399.95

$329.00
$16 monthly

AMPEX
New 761 Stereo
Tape Recorder

Precision solid-state recorder capable of sound-on-sound, sound-with-sound, echo and tape monitoring. Records and plays 4-track stereo and mono at $7\frac{1}{2}$, $3\frac{3}{4}$, $1\frac{7}{8}$ ips. Also features lifetime deep-gap heads and dual capstan drive. 7" capacity.

Automatic tape lifters, digital counter, automatic shutoff, level meters. Two acoustically sealed speakers operate within recorder or separate to 20 ft. for maximum stereo realism.

Frequency Response: 15-15,000 Hz at $7\frac{1}{2}$ ips. Flutter/Wow: 0.15% at $7\frac{1}{2}$ ips. Size, $22\frac{3}{4}$x$13\frac{1}{8}$x7". For 110-120 V, 60 Hz AC. With 2 mikes, 7" reel, tape. Shpg. wt., 39 lbs.
15 C 7325 U. *$16 Monthly*...329.00

$314.95
$16 monthly

BELL & HOWELL
New 2265 Stereo
Tape Recorder

New solid-state unit. Records, plays 4-track stereo or mono at $7\frac{1}{2}$, $3\frac{3}{4}$, $1\frac{7}{8}$, $\frac{15}{16}$ ips. Exclusive reversing head assembly for continuous play, plus automatic head degaussing. 7" capac.

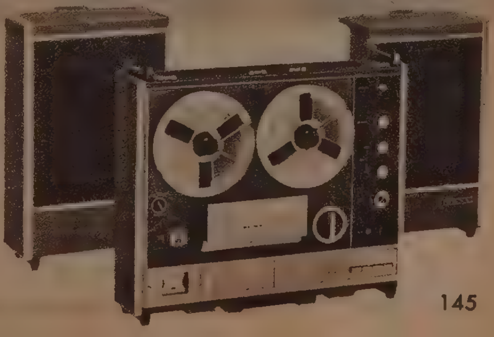
Also, automatic tape lifters, pause control, digital counter, automatic shutoff, record-level meters. Built-in 8x4" speakers. Separate channel level controls, 5-position master tape control. Inputs: 2 mike, 2 high-level. Outputs: 2 speaker, 2 ext. amplifier. Operates vertically, horizontally.

40-17,000 Hz at $7\frac{1}{2}$ ips. Flutter/Wow: 0.9% at $7\frac{1}{2}$ ips. S/N: better than 51 dB. $8\frac{1}{2}$x$13\frac{1}{8}$x$15\frac{2}{3}$". 2 mikes, 7" reel. 117 VAC. 25 lbs.
15 C 7029 U. *$16 Monthly*....314.95

NY 560 ESP Compact
Stereo Tape System

$399.50
$18 monthly

-track portable tape system featuring automatic re- . Built-in 20-watt solid-state stereo amplifier has con- center with tuner and phono inputs. 2 wide-range ker systems in lid separate up to 15 feet. Records, 4-track stereo and mono at $7\frac{1}{2}$, $3\frac{3}{4}$, $1\frac{7}{8}$ ips. Servo- rol motor; dual capstan drive; scrape, flutter filter; cting pinch roller; noise suppressor switch; digital ter; headphone jack; level meters. 7" reel capacity. mikes, 7" reel. $17\frac{1}{2}$x$20\frac{3}{8}$x11". From Japan. 53 lbs.
7304 Z. *$18 Monthly*..........................399.50



Top-Quality Selection o

$199 95 $10 monthly

$229 50
$12 monthly

ROBERTS 1720 Solid-State Stereo Recorder

Deluxe stereo tape recorder boasts renowned Roberts quality and features for convenience and excellent performance. Records and plays four-track stereo and mono at 7½ and 3¾ ips. Deluxe features include: detachable speakers that separate for maximum stereo effect, built-in head demagnetizer, pause lever, digital counter, large easy-to-read level meters, automatic shutoff. Inputs: two mike, two radio/phono. Outputs: preamp, external speakers, stereo headphone. Response, 40-15,000 Hz at 7½ ips. Wow and Flutter, less than 0.25% at 7½ ips. Vinyl covered case, 15⅛x14⅝x10½". With two mikes, 7" takeup reel. For 115 VAC. Shpg. wt., 26 lbs.
15 C 7113 U. *$10 Monthly*.................... 199.95

SONY 230 "Stereo Compact" Tape Syste

Portable solid-state stereo tape system features a 20-w
stereo amplifier. Inputs for phono or tuner to play thro
system. Records and plays 4-track stereo at 7½, 3¾
1⅞ ips. Split-lid speakers separate to 15 feet. Has t
lifters, digital counter, dual level meters. Inputs: 2 m
stereo magnetic phono, 2 aux. Outputs: preamp,
speaker, stereo headphone. Response, 30-18,000 Hz at
ps. Flutter and Wow, less than 0.09% at 7½ ips. Vi
case, brushed aluminum trim. 15¼x13½x7½". With
cardioid dynamic mikes, 7" takeup reel. For 115 V
From Japan. Shpg. wt., 36 lbs.
15 C 7369 U. *$12 Monthly*.......................229.
15 C 0094 L2U. 230CPW. Above, walnut case. 46 lbs..26

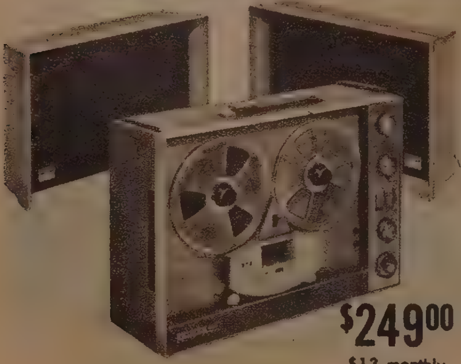
NEW at ALLIED

$199 95 $10 monthly

Features 2-Way Speaker Systems

PANASONIC RS-761S Stereo Tape Recorde

Solid-state 4-track stereo tape recorder records and plays
7½, 3¾ and 1⅞ ips. Features two detachable speaker
closures, each with 6½" oval and 2⅜" dynamic speak
16-watt peak stereo amplifier. Sound-on-sound. Four-d
counter, pause control, two large level meters, automatic sh
off. Inputs: 2 mike, 2 aux, Outputs: preamp, stereo he
phone. 30-18,000 Hz at 7½ ips. Walnut cabinets. 11¼x17
6½". With 2 mikes, 7" takeup reel. 115 VAC. Japan.
15 C 7140 U. Shpg. wt., 30 lbs. *$10 Monthly*.......... 199.



$249 00
$13 monthly

AMPEX 861 Solid-State Stereo Tape Record

Famous Ampex quality. Records and plays 4-track stereo
mono at 7½, 3¾, 1⅞ ips. Detachable 9x6" speakers separ
to 30 feet, close to form cover. Features: deep gap heads, au
matic tape lifters, push-pull bass attenuator. Inputs: 2 mi
2 aux. Outputs: preamp, ext. speakers, stereo headpho
Response, 15-15,000 Hz at 7½ ips. 13½x19x7½". With 2 mi
7" takeup reel. For 115 VAC. Shpg. wt., 48 lbs.
15 C 7502 U. *$13 Monthly*............................249.

Get the Stereo Recorder You Want Now with Allied's Credit Fund P

luxe Solid-State Stereo Tape Recorders

AMPEX

1461 Reversing Recorder

9^{00}
monthly

- Automatic Reverse
- Automatic Threading
- 40-Watts Peak Power

e recorder offers renowned quality and features. Auto-reverse for uninterrupted play. ls and plays 4-track stereo and at 7½, 3¾, 1⅞ ips. Automatic ing, tape monitoring, two VU , automatic tape lifters. Two rs play stored within the re- or separate to 20′. Response, 00 Hz at 7½ ips. Flutter/Wow, at 7½ ips. 13⅛x22¾x7″. With 2 7″ reel of tape, takeup reel. 5 VAC. Shpg. wt., 45 lbs.
058 U. *$19 Monthly*.....429.00

AMPEX

1161A Reversing Recorder

$\$369^{00}$
$17 monthly

- Deep-Gap Heads
- Automatic Cuing
- Loads in Seconds

Feature-packed recorder threads itself automatically—plays complete 4-track stereo tape without reel changing or rewinding. Reverses electronically, automatic shutoff or replay. Slide-on speaker enclosures can be separated to 20′. Deep-gap heads, 2 VU meters, digital counter, automatic cuing, monitor, manual reverse. Speeds, 7½, 3¾, 1⅞ ips. 50-15,000 Hz at 7½ ips. Flutter/Wow, 0.15% at 7½ ips. 13½x19x7½″. 7″ reel capacity. With 2 mikes. 115 VAC. Shpg. wt., 48 lbs.
15 C 7264 U. *$17 Monthly*.....369.00

BELL & HOWELL

New 2295 Stereo Recorder

$\$369^{95}$
$17 monthly

- Automatic Loading
- Automatic Reverse
- 4-Speed Operation

Remarkable new stereo recorder is packed with deluxe features for superb performance and operating convenience. Automatic reverse, reversible head—records and plays 4-track stereo or mono in both directions. Automatic loading, head demagnetizing, tape lifters, shutoff. Pause control, two VU meters, digital counter, sound-with-sound. 7½, 3¾, 1⅞, 15/16 ips. 40-17,000 Hz at 7½ ips. Flutter/Wow, 0.09% at 7½ ips. 8½x13⅛x15⅔″. 2 mikes. For 115 VAC. 39 lbs.
15 C 7027 U. *$17 Monthly*.....369.95

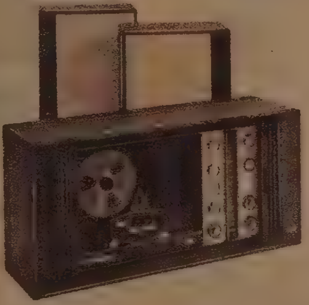
AMPEX

w 2161 Stereo Recorder

59^{00}
monthly

- Automatic Reverse
- 9x6″ Wing Speakers
- Dual Capstan Drive

solid-state automatic reversing der records and plays 4-track or mono in both directions at 3¾ and 1⅞ ips. Automatic ding. Dual capstan drive for per- ape tension. Professional-quality gap heads. Has a monaural mix- mixing two sources on one track. wing speakers separate for stereo, to form cover. 50-15,000 Hz at ps. Flutter, 0.08% at 7½ ips. 19x7½″. 7″ reel capacity. With es. 115 VAC. 55 lbs.
260 Z. *$20 Monthly*......459.00



AMPEX

985 Stereo Tape Music Center

$\$600^{00}$
$25 monthly

- Built-In FM-AM
- 830 Speaker Systems
- Includes Phono Input

Luxurious music center features a deluxe automatic reversing recorder with built-in 30-watt peak stereo FM-AM receiver. Records and plays 4-track stereo at 7½, 3¾, 1⅞ ips. Deep-gap heads, pause control, digital counter, two VU meters, phono input. Oiled walnut cabinet with disappearing doors. 50-15,000 Hz at 7½ ips. Flutter/Wow, 0.15% at 7½ ips. With 830 walnut speaker systems. 8″ woofer, 3½″ tweeter. 7″ reel capacity. 33x16x19½″. Two mikes. 115 VAC. 121 lbs.
15 C 0093 LZ. *$25 Monthly*....600.00

ROBERTS

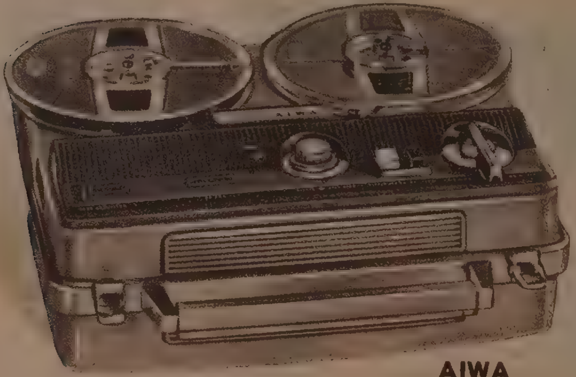
778X Cartridge/Reel Recorder

$\$399^{95}$
$18 monthly

- Record 8-Track Car Tape Cartridges
- 4-Track Stereo Reels

Extra-versatile recorder records and plays 4-track stereo or mono reel-to-reel tapes, plus 8-track stereo tape cartridges. Record your own cartridges for car stereo tape players. Cross-Field head for reel; 30-23,000 Hz reel; 50-15,000 Hz cartridge. Cartridge program selector. Speeds: 7½, 3¾, 1⅞ ips for reels; standard 3¾ ips for cartridges. Built-in 4″ speakers. Digital counter. Takes 7″ reels. 15x13½x9½″. Less mikes. For 115 VAC. From Japan. Shpg. wt., 50 lbs.
15 C 7499 Z. *$18 Monthly*.....399.95

Values in Solid-State Monaural Tape Record



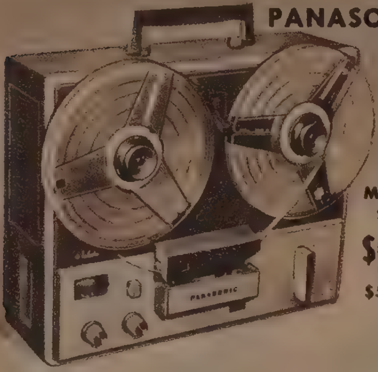
Model TP-802 in Attache-Style

$89.95
$5 monthly

- Level Meter, Digital Coun
- Tone Control • 7″ Capa
- Remote Start/Stop Mike

Makes high-quality monaural recordings o
or music. Solid-state circuit has frequen
sponse of 70-15,000 Hz for excellent
Plays through built-in 6″ speaker or ear
Also has outputs for playback throug
system or external speaker. Full 7″ reel ca
permits recording lengthy radio broadcast
single tape. Has recording level meter,
counter, pushbutton fast forward, and ton
trol. Operates at 7½ and 3¾ ips. Hand
styled vinyl-coated steel attache-style c
14x14″. With remote-control start/stop
earphone, 7″ takeup reel, reel of tape,
cords for taping direct from radio-TV-
For 115 VAC. Japan. Shpg. wt., 18 lbs.
15 C 7258 X. *$5 Monthly*................

PANASONIC



Sound Monitoring Selector

$99.95
$5 monthly

HITACH

NEW at ALLIE

Pushbutto Controls, "Levelmatic

$99.9
$5 monthl

Model RQ-706S with Automatic Level Control

Compare its expensive-recorder features with its low price. Choice of automatic or manual level control for distortion-free recording. Sound monitoring selector permits recorder's use as a PA system. Records and plays 2-track monaural at 1⅞, 3¾ or 7½ ips. Beautiful reproduction of voice or music from 50 to 15,000 Hz at 7½ ips. Two dual-cone speakers. Solid-state circuit. Push-to-reset tape counter, level meter, pause control, tone control. With mike, stand, 7″ takeup reel. 12x14x6¾″. For 115 VAC. Japan. Shpg. wt., 19 lbs.
15 C 7259 X. *$5 Monthly*........................99.95

Model TRQ-710 Pushbutton Recorde

Features "Levelmatic" for always-correct recording
pushbutton operation, and monitor facilities. Record
plays 2-track monaural without fading or blasting . .
check performance through monitor earphone. Pl
7½, 3¾, and 1⅞ ips. Response is 50-15,000 Hz at 7
Built-in 6x4″ speaker; mike, line inputs; line, ear
speaker outputs. With digital counter; level lamp
control. Solid-state circuit. 7¼x13¾x15¾″. With
5″ reel tape, splicing tape, 7″ takeup reel. For 115
Japan. Shpg. wt., 22 lbs.
15 C 7147 X. *$5 Monthly*........................

NEW at ALLIED

SONY 104-A with Level Control and Mo

$112.50
$6 monthly

- Automatic/Manual Level Control
- Automatic Sentinel Shut-Off
- Instant One-Handed Tape Thread

Automatically adjusts recording level, or lets yo
just it manually using level meter. Also has instan
threading; automatic shutoff; amplifier that doub
PA; pause control; digital counter; automatic
lifter; 2-track heads; 1⅞, 3¾, 7½ ips speeds. 40-
Hz at 7½ ips. 6x4″ speaker; low- and high-impe
inputs; outputs for monitor and speaker. With
earphone, 7″ takeup reel. 6½x16x10¾″. For 115
Japan. Shpg. wt., 16 lbs.
15 C 7253 U. *$6 Monthly*........................11

Use Your Allied Credit Fund to Buy Your Tape Recorder

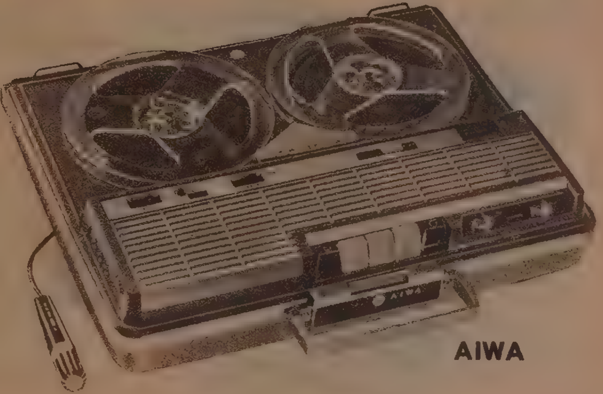
All with Portable Case and 7" Reel Capacity

9 Deluxe Battery/AC Portable

2-Track Mono at 3 Speeds
ıátic Level Control
some Attache Case Styling

$\$119^{95}$
$6 monthly

reel capacity in a compact portable ravels in a deluxe, lockable attache deal for the salesman or executive on- Features automatic recording level for distortion-free 2-track mono re- gs. Pushbutton function control for ward, rewind and playback. Three n-controlled speeds: 1⅞, 3¾, 7½ ips. features: level meter; digital counter; ontrol; 5" oval speaker; input for re- from radio-TV. 3⅝x16½x13". With -control start/stop mike, 7" takeup batteries, 12 VDC car adapter. Op- on batteries, 12 VDC or 115 VAC. Japan. Shpg. wt., 17 lbs.
71 U. *$6 Monthly*............119.95



AIWA

LENSAK

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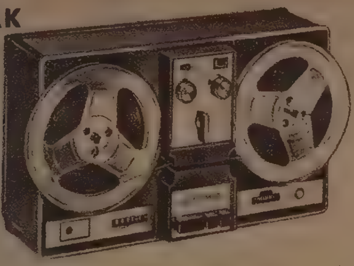
gnetizer

9⁹⁵
monthly



Model 5710 Full-Feature Recorder

engineering features. Power-activated pushbutton center; built-in tape head demagnetization; full onitoring facilities. Operates vertically or horizon- 1⅞, 3¾, 7½ ips speeds; 40-17,000 Hz response at . Level meter; 2-track heads; pause control; counter; fter; reel locks; 6x4" speaker. With mike, 7" reel of takeup reel. 7x16x10". For 115 VAC.
041 U. Shpg. wt., 23 lbs. *$8 Monthly*..........159.95

SONY

Loaded with Automatic Features!

$\$139^{50}$
$7 monthly

Model 105 4-Track Recorder with AVC

Four tracks for double recording time. Automatic Volume Control maintains a constant level—no fading or blasting. Retractable pinch rollers for easy threading. 1⅞, 3¾, 7½ ips speeds; 40-18,000 Hz at 7½ ips. Separate record/play level controls; automatic shutoff; tone control; level meter; instant stop; digital counter; AVC defeat. 6x14x8". With mike, earphone, 7" takeup reel. 117 VAC.
15 C 7287 U. Japan. 12 lbs. *$7 Monthly*..........139.50

NDBERG

NEW ALLIED

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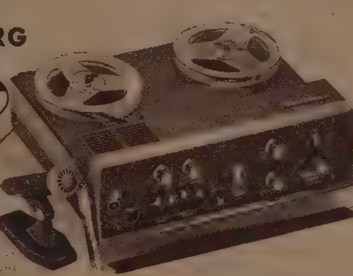
order

9⁰⁰
monthly



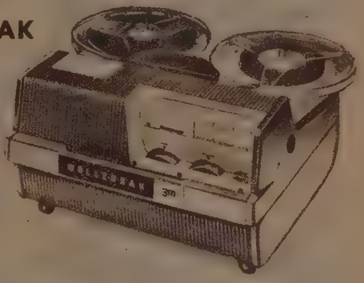
Model 11 Broadcast-Quality Portable

miconductor circuit. Constant $\frac{15}{16}$, 1⅞, 3¾, 7½ ips . Three precision heads. Two-track record, playback. 000 Hz. Flutter/Wow, 0.1% ips. Battery check/VU ; mike, radio, line inputs; line, monitor outputs; te vol. controls. Provision for AC adapter. 7" takeup ess mike, batteries. 4x13x10". Norway.
655 U. Shpg. wt., 9½ lbs. *$20 Monthly*.....449.00
346. "D" Alkaline Batts. (Uses 10.) 10 oz. Pkg. 2/1.18

WOLLENSAK

Push-Pull 10-Watt Amplifier

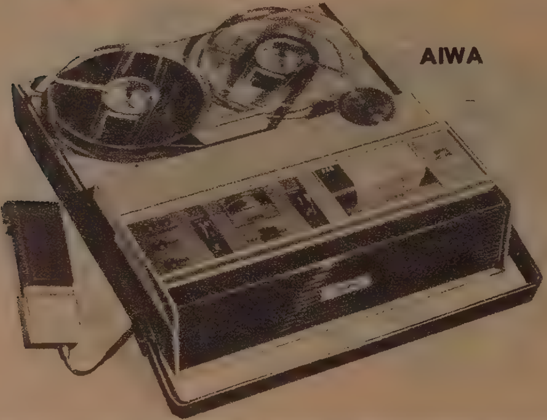
$\$184^{95}$
$10 monthly



Model 1500SS Hi-Fi Tape Recorder

All-transistor mono recorder with keyboard operation, level indicator and provision for monitoring or PA use. Digital counter; tape lifters; tone control; 10-watt push-pull amplifier. 7½ and 3¾ ips speeds. 40-15,000 Hz response at 7½ ips. Inputs: mike, radio/phono. Outputs: external speaker, preamp. 6½x10¼x11¾". With mike, 7" takeup reel, reel of tape. For 115 VAC. 20 lbs.
15 C 7339 U. *$10 Monthly*....................184.95

Big Values in 5"-Reel Portable Tape Recorders



TP-730 Battery/AC 5" Reel Portab

$59.95
$5 monthly

- Automatic Level Control
- 2-Speed Capstan Drive
- Built-In 4x2¾" Speaker

Solid-state model for "note-taking," meetin
talk-as-you-go "memos," "living letters"
family or friends—many other uses. Offers
to 3 hours recording time on a 900′ reel us
both tracks at 1⅞ ips. Capstan drive for c
stant 3¾ or 1⅞ ips on battery or AC. Inp
for taping from mike, radio or TV; earphone a
external speaker outputs; Automatic Level C
trol for distortion-free recordings; pushbutt
operation; volume, tone controls; VU meter;
pilot light. 3⅜x11x12¼". With stop/start mi
earphone, AC cord, batteries, 5" tape, take
reel. Japan. Shpg. wt., 12 lbs.
15 C 7516 X. *$5 Monthly*..............59.

$59.95
$5 monthly

$69.95
$5 mor

NEW at ALLIED

PANASONIC
C

$69.95
$5 monthly

$79.95
$5 monthly

D
PANASONIC

A Craig 2106 Battery Portable with ALC

Monaural recorder operates at 3¾ and 1⅞ ips. Automatic Level Control prevents distortion from over-recording. Single "T" control for record, play, stop, rewind, fast forward; solid-state circuit; capstan drive. 10½x11½x4⅛". With stop/start mike, 5" tape, earphone, takeup reel. Order 4 batteries below. Japan. 9¼ lbs.
15 C 7534 X..............59.95
18 C 5779. Batteries. Shpg. wt., 10 oz...........Pkg. of 2 for 33¢

C Panasonic RQ-156 Battery/AC Portable

Solid-state mono recorder with capstan drive for exact speeds. If AC fails batteries take over automatically. Pushbutton operation; sound monitoring; push-to-reset digital counter; Record/Battery Level meter. 3¾ and 1⅞ ips. 3⅝" speaker. With stop/start pencil mike, earphone, 5" tape, takeup reel. AC cord, batteries. U.L. Listed. 9½x11½x4". Japan. Shpg. wt., 7½ lbs.
15 C 7160 X..............69.95

B Aiwa TP-713 Battery/ Portable with AVC

Solid-state monaural recor
operates from 4 "D" batte
or 110-volt AC. Capstan d
at 3¾ and 1⅞ ips. Pushbut
controls; Automatic Volu
Control prevents fading
blasting on recordings; t
control; Record/Battery L
meter; input for radio-
phono; 4x2¾" speaker; dig
counter. 3x11⅞x12". With s
/start mike, earphone, 5" ta
takeup reel, batt. Japan.
15 C 7274 U. Wt., 10 lbs...6

D Panasonic RQ-501S with Reversing Feature

Solid-state mono recorder
cords and plays in either di
tion—no need for reel tu
over. Plays on batteries or
power. If AC fails, batte
take over automatically. C
stan drive at 3¾ and 1⅞
"Easy-Matic" switch for
tortion-free recording ev
time. Record/Battery Le
meter; digital counter. 3
11⅜x10". With mike, 5" ta
batt., takeup reel. Japan.
15 C 7153 X. Wt., 7 lbs....7

Get Your Recorder Now . . Use Allied's Credit Fund Pl

eluxe Battery/AC 5"-Reel Tape Recorders

3 Battery/AC Stereo Recorder

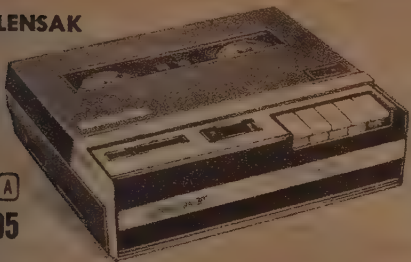
Track Stereo or Mono
etachable Speaker
shbutton Operation

$79.95
$5 monthly

k stereo and mono portable tape re-
r what you would normally expect to
mono recorder. Solid-state circuit for
ecord and playback; 2-speed capstan
4 and $1\frac{7}{8}$ ips; separate channel volume
recording/battery level meter. Two
—one detachable for wide stereo channel
n; pushbutton control of forward,
vind and record. Inputs for recording
m radio, TV or phono. Operates from 4
teries or AC. $3\frac{5}{16}$x$11\frac{1}{8}$x15". With 2
earphones, 5" reel of tape, 5" takeup
eries, AC cord. Japan. 12 lbs.
4 X. *$5 Monthly*..................79.95

AIWA

LLENSAK



Ⓐ
95
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AIWA

Ⓑ
$84.95
$5 monthly

nsak 3500 with ALC
ttery/AC Operation

and plays from bat-
r AC monaurally at
$1\frac{7}{8}$ ips. Capstan drive.
tic Level Control pre-
er-recording. Pushbut-
ration; recording/bat-
er; tone control; digital
$11\frac{1}{2}$x$10\frac{1}{4}$x4". Stop/
ike, earphone, 5" tape,
reel, AC cord. Order 6
s below. Japan. 9 lbs.
2 X..................89.95
9. Batteries. Shpg. wt.,
.....Pkg. of 2 for 33¢

sonic 4-Track RQ-194S
attery/AC Operation

ck monaural heads for
recording time! If AC
tteries take over auto-
y. "Easy-Matic" pre-
er-recording. Sound-on-
sound-with-sound, level
digital counter. $3\frac{3}{4}$,
Attache case, 4x$14\frac{3}{4}$x
ith remote stop/start
rphone, 5" reel of tape,
reel, patch cord, AC
nd batteries. From
Shpg. wt., 7 lbs.
63 X..................99.95

Ⓑ Aiwa TP-705 with AVC and Battery/AC Operation

A fine monaural recorder featuring Automatic Volume Control to prevent distortion. Capstan drive at $3\frac{3}{4}$ or $1\frac{7}{8}$ ips, on batteries or AC power. Instant-operation solid-state circuit. Pushbutton controls, recording/battery level meter, tone control, plus digital counter. $3\frac{5}{8}$x$10\frac{3}{8}$x12". With stop/start mike, earphone, 5" tape, takeup reel, batteries, AC cord. Japan. Shpg. wt., 12 lbs.
15 C 7272 X..................84.95

Ⓓ Crown 5002 with AVC and Voice-Actuated Circuit

Voice-actuated monaural recorder starts at the sound of a voice, stops when voice stops. Also operates manually. $3\frac{3}{4}$ and $1\frac{7}{8}$ ips. Automatic Volume Control prevents over-recording. Response, 100-10,000 Hz; solid-state circuit; tone switch. $4\frac{3}{16}$x$11\frac{1}{4}$x$8\frac{7}{8}$". With mike, earphone, 5" tape, takeup reel, batteries, telephone pickup. Japan. Shpg. wt., 10 lbs.
15 C 7390 X..................79.95
15 C 7392. AC Adapter...8.95

NEW *at* ALLIED

PANASONIC

$99.95
$5 monthly

Ⓒ

CROWN

Ⓓ

$79.95 **$5 monthly**

Deluxe 5"-Reel Recorde

SONY

$\$99^{50}$

$5 monthly

NEW
at ALLIED

CROV

$\$169^{95}$

$9 monthly

Battery/AC Recorder with ALC

222. Compact solid-state portable tape recorder operates on 117 VAC or from 5 "D" batteries. Records and plays crystal-clear mono at 3¾ and 1⅞ ips. Easy-to-use single lever function control. Switchable automatic level control. Battery condition/record level meter. 3-digit counter. 5½x2½" speaker. 12x9x4". With remote stop-start mike, 5" takeup reel, and batteries. From Japan. 12 lbs.
15 C 7568 X. *$5 Monthly* 99.50

Battery/AC Recorder with FM-AM Radi

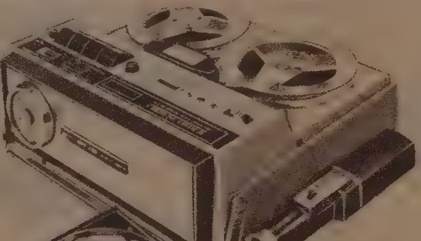
6250F. Solid-state portable in attache-style case has bui
FM-AM radio—you can record from it directly. Rec
and plays mono at 3¾ and 1⅞ ips. Tape repeater for
less play of 15-second recording, automatic level co
level meter. Pushbutton operation. Operates on 117
or 6 "D" batteries. 3x5" speaker. With remote stop-
mike, 5" takeup reel, batteries. Japan. 11 lbs.
15 C 7320 U. *$9 Monthly* 16

A

CROWN

$\$159^{95}$

$8 monthly



B

SONY

$\$179^{50}$

$9 monthly

UHER Professional-Quality Recorders

4000L C
4-Speed Mono Battery/AC Recorder

$\$310^{00}$

$15 monthly

D
Model 1
Sound/F
Sync
Record

$\$695$

$29 mon

A Recorder/FM Radio with Wireless Mike

5950PA. Unique recorder with built-in FM radio, plus *wireless* stop-start mike for recording from up to 50-ft. away. Records and plays mono at 3¾ and 1⅞ ips using 6 "D" batteries or 120 VAC. Automatic level control. PA facility. Solid-state. $4\frac{15}{16}$x$11\frac{13}{16}$x$10\frac{3}{4}$". With batteries, earphone, 5" reel of tape, telephone pickup, wireless and conventional start-stop mikes. Japan. 12 lbs.
15 C 7391 U. *$8 Monthly* 159.95

B "Servocontrol 800" 3-Speed Recorder

Top-quality recorder features direct capstan drive plus servo-controlled motor for precise 7½, 3¾ and 1⅞ ips speeds. Pushbutton controls, manual and automatic volume control, tone control, level/battery meter, digital counter, radio-phono input. Solid-state. Operates on 8 "D" batteries or 120 VAC. 4¼x12¼x10½". Response, 50-18,000 Hz at 7½ ips. With stop-start cardioid mike. From Japan. Shpg. wt., 15 lbs.
15 C 7413 U. *$9 Monthly* 179.50

C 4000L Solid-State Monaural Recorde

Records and plays in any position at 7½, 3¾, 1⅞, 15/
40-20,000 Hz at 7½ ips. Calibrated VU meter. Pian
controls. Operates on optional "Dryfit" battery pa
optional 120 VAC adapter, below. 3½x9x11".
15 C 7512 U. W. Germany. 8 lbs. *$15 Monthly* 3

15 C 7561 U. Uher 4400 Stereo Recorder. 4 speeds. 4-
stereo. 2 VU meters. Accessories below. 8 lbs........ 4
15 C 7509. Uher M-514 Remote Mike. 2 lbs..............
15 C 7187 X. Leather Case. 4 lbs..........................
15 C 7510. Rechargeable Battery Pack. 2½ lbs..........
15 C 7511. AC Supply and Battery Charger. 3 lbs.......

D 1000-Report Sound/Film Sync Record

Pilotone records sound in direct sync with sync-gener
equipped movie cameras. Full-track mono. Power, si
accessories (except mike) as above. W. Germany.
15 C 7562 U. Wt., 8 lbs. *$29 Monthly* 69
15 C 7559 S. Model MD-421 Remote Mike. 3½ lbs..... 1

Allied Has Finest Quality Tape Equipment for Every Requiren

ıpact $3\frac{1}{4}$"-Reel Recorders

NEW at ALLIED

AIWA $29.95 $5 monthly

PANASONIC $29.95 $5 monthly

14 Solid-State Portable Tape Recorder

portable records and plays at 3¾ and 1⅞ ips. drive maintains uniform tape speed. Features ıse pushbutton controls. Tone control. 6x2" oval delivers clear sound. Auxiliary input jack. Ex- speaker output jack. 2⅝x9x9". With stop-start mike, 4 "C" batteries, reel of tape, takeup reel, ;. From Japan. 7 lbs.
3 X. *$5 Monthly* 29.95

RQ-113S Solid-State Portable Tape Recorder

Solid-state portable is ideal for tape correspondence, dictation, classes. Automatic level control lets you pick up faint sounds, prevents distortion from loud sounds. Records and plays 2-track mono at 3¾ and 1⅞ ips. Built-in speaker. Size, 3¼x9x10". With dynamic remote stop-start mike, 6 "C" batteries and reel of recording tape. From Japan. Shpg. wt., 5 lbs.
15 C 7418 X. *$5 Monthly* 29.95

Ⓐ **CONCORD** $39.50 $5 monthly

Ⓒ **PANASONIC** $49.95 $5 monthly

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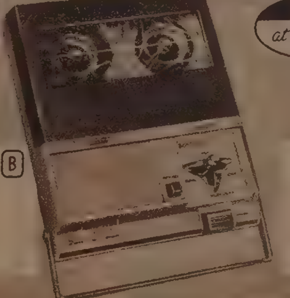
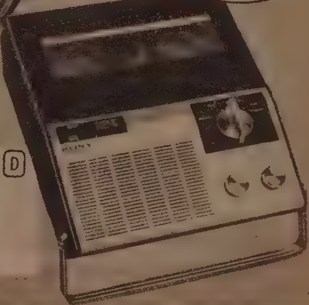


CRAIG Ⓑ $39.95 $5 monthly



SONY Ⓓ $69.95 $5 monthly

] Concord F-89 Battery/AC Recorder

le recorder operates anywhere on 4 "C" batteries VAC. Records and plays crystal-clear mono at 3¾ ⅞ ips. Convenient pushbutton controls. *Two* built-in 's deliver wide-range sound. Solid-state. 9¼x4⅜x ith remote stop-start mike, stand, 3¼" takeup reel. batteries below. From Japan.
49 X. Shpg. wt., 4½ lbs. *$5 Monthly* 39.50
178. "C" Batteries. Uses 4. Wt., 10 oz... Pkg. of 2/33¢

Ⓑ Craig 212 Recorder with ALC

tate recorder makes flawless mono voice recordings. ıct for tape correspondence. Automatic level control ts distortion. Operates at 3¾ and 1⅞ ips on 6 "C" es. Single "T" function control, record safety lock. emote stop-start mike, 3¼" reel of tape, takeup ⅛x7⅞x9¾". Order batteries, above. From Japan. wt., 5 lbs.
!80 X. *$5 Monthly* 39.95

Ⓒ Panasonic RQ-121S Recorder/AM Radio

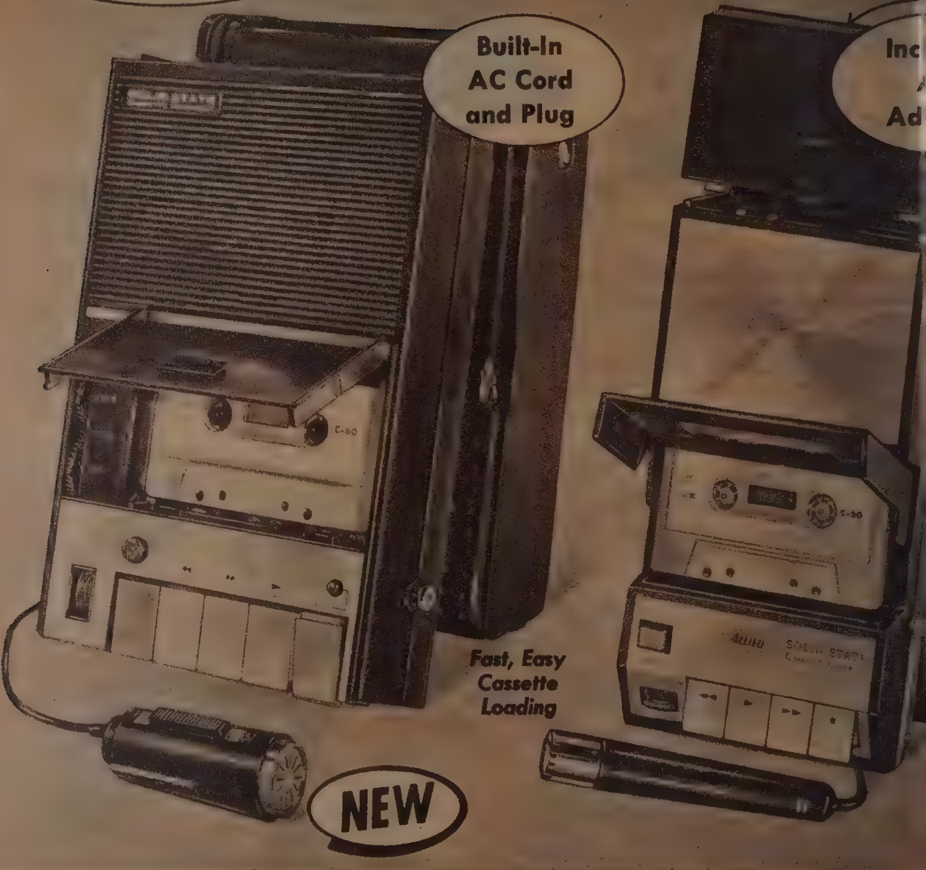
Smartly-styled solid-state portable recorder features a built-in AM radio. Record direct from radio or live, with mike. Operates anywhere on 6 "C" batteries or 115 VAC. Record and play clear mono at 3¾ and 1⅞ ips. Single lever control, fast forward and rewind. Source monitoring. 3¼x11½x9". With remote stop-start mike, batteries, 3¼" reel of tape, takeup reel. Japan. 8 lbs.
15 C 7462 X. *$5 Monthly* 49.95

Ⓓ Sony 910 Battery/AC Tape Recorder

Feature-packed portable operates on 4 "D" batteries or 120 VAC. Records and plays excellent mono at 3¾ and 1⅞ ips. Automatic level control. Level meter. Automatic tape lifter protects heads during fast forward and rewind. Size, 4½x8¾x8½". With remote stop-start microphone, earphone, 3¼" takeup reel, and four "D" batteries. From Japan. Shpg. wt., 6 lbs.
15 C 7254 X. *$5 Monthly* 69.95

ALLIED

Latest Tape Cassette Reco



ALLIED 1150 Deluxe Battery/AC Solid-State Tape Cassette Recorder

$89⁹⁵
$5 monthly

- Pop-Up Cassette Loading, Removal
- Switchable Automatic Level Control
- 200-11,000 Hz Frequency Response
- Pours Out 1 ¼-Watt Music Power

Deluxe solid-state portable cassette recorder operates on 6 "C" batteries or 120 VAC. Use it anywhere, anytime. Records and plays up to 2 hours (2-track mono) using standard Philips-type tape cassettes. Pop-up cassette loading and removal is fast and easy. Delivers clear, distinct sound with wide 200-11,000 Hz response.

Handy keyboard-type pushbuttons; pause button, fast forward and rewind for easy editing. Switchable automatic level control avoids fading and overload distortion. Tone control. Monitor switch. Auxiliary input for recording direct from radio-phono-TV. Battery/level meter. With remote stop-start dynamic mike, C-60 cassette, leatherette carrying case, shoulder strap. Order batteries below. 9⅜x6x2⅝″. Japan. Shpg. wt., 5 lbs.

15 C 7116 X. *$5 Monthly*.......................... 89.95
18 C 5078. "C" Batteries. (Uses 6.) 4 oz........**Pkg. of 2/33¢**

ALLIED 1100 Solid-State Ca Recorder with Snap-On AC A

$59⁹⁵
$5 monthly

- Easy-to-Use Keyboard C
- Cassettes Snap In and O
- Record Level/Battery Me
- With Vinyl Portable Carr

Compact portable tape cassette recorder is j on-the-go recording in classroom, car, hon Cassette snaps in and out instantly. Records to 2 hours (both tracks) of extra-clear mo recorder plays on 5 "C" batteries or from Snap-on adapter becomes part of recorder has cord storing compartment.

Easy-to-use keyboard-type pushbuttons with and reverse. Record interlock button preven tape erasure. Record level/battery condition speaker, extension speaker jack. With snap-on remote stop-start dynamic mike, 60-minute C batteries, earphone and vinyl carrying case for 12x6x4″. From Japan. Shpg. wt., 7 lbs.

15 C 7138 X. *$5 Monthly*..........................
18 C 5078. Extra "C" Batteries. (Uses 5.) 4 oz.

lid-State Portable Tape Cassette Recorders

PANASONIC

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P-736 Budget-Priced Cassette Recorder

icient cassette operation . . perfect for the man). Compact recorder offers good performance at a price. Records and plays 2-track mono on easy-drop-in Philips-type cassettes. Automatic volume revents fading or overload distortion—perfect for e recording. Single-lever control, 2¼" speaker. on 4 "C" batteries. 5x8¼x2½". With stop-start tteries, earphone, carrying strap. From Japan. ., 4½ lbs.
X. *$5 Monthly*..........................39.95

Quick, Easy Pop-Up Cassette Loading

OPERATES ON BATTERIES OR 117 VAC

$49.95

$5 monthly

RQ-203S Battery/AC Cassette Tape Recorder

Versatile cassette recorder goes with you everywhere. Operates on 6 "C" batteries or 117 VAC. Features fast, easy pop-up cassette loading and removal. Automatic level control prevents overload distortion, assures you of perfectly clear 2-track mono recordings. Clean, distinct playback through 3" speaker. Monitor facility. Single-knob function control. With remote stop-start mike, Philips-type tape cassette, batteries, and AC cord. Size, 2¾x9x10". From Japan. Shpg. wt., 5 lbs.
15 C 7491 X. *$5 Monthly*..........................49.95

AIWA

3 Recorder/AM Radio

95 Compact Cassette Recorder with Built-In AM Radio

thly

ure cassette recorder a built-in AM radio. direct from radio, or ike. Automatic volume level/battery meter, tone monitor, ferrite bar an- Cassette pops up auto- y at end of tape. 3¾x l speaker. Uses 4 "C" or 117 VAC. With stop- ke, batt., earphone, AC sette. Japan.
5 X. 5 lbs. *$5 Mo.* 69.95

AIWA

TP-728 Battery/AC Recorder

$59.95 Automatic Level Control Prevents Overload Distortion

$5 monthly

Easy-to-carry cassette recorder operates anywhere on 4 "C" batteries or 117 VAC. Records and plays up to 2 hours (2-track mono). Automatic level control. Convenient pushbutton operation. Cassette pops-up when stop button is pressed. Delivers clear sound from 4x2½" speaker. 10¾x6x3⅛". With stop-start mike, batteries, AC cord, earphone, cassette. Japan. 4½ lbs.
15 C 7517 X. *$5 Monthly*..59.95

Record Off the Air or "Live" with Mike

CONCORD

F-103 FM-AM "Radiocorder"

$99.50 Cassette Recorder with Built-In FM-AM Radio

$5 monthly

This "Radiocorder" is an entertainment center in itself. Full-feature cassette recorder records and plays up to 2 hours on Philips cassettes. Record direct from radio, or "live" with mike. Record level/battery condition meter. AFC on FM, AM and FM antennas. Tone control. Uses 5 "D" batt. (order below) or 117 VAC. With mike. Japan.
15 C 7536 X. 5½ lbs. *$5 Mo.* 99.50
18 C 5079. Batt. 10 oz.. Pkg. 4/65¢

Portable Solid-State Mono Cassette Recorde

Norelco "Carry-Corder 150" Cassette Tape Recorder

Battery Powered $\$59^{50}$ **$5 monthly**

Makes amazingly clear voice and music mono recordings. Records up to 2 hours with easy-loading cassette, at $1\frac{7}{8}$ ips (both tracks). Level meter for perfect recordings. Input for radio, output for external amplifier. $7\frac{3}{4}$x$4\frac{1}{2}$x$2\frac{1}{4}$". Carrying case, remote mike, patch cord, C-60 tape cassette. Uses 5 batteries (order below). From Holland. Shpg. wt., 4 lbs.

15 C 7212 S. *$5 Monthly*. 59.50
18 C 5865. Batteries. 4 oz. . . Pkg. 2/33¢
15 C 7215. AC Adapter. 1 lb. 19.90

NEW
at ALLIED

Hitachi TRQ-220 Cassette Recorder with ALC

Battery/AC Powered $\$69^{95}$ **$5 monthly**

Records and plays on batteries or 117-VAC. Automatic Level Control eliminates distortion caused by over-recording. Pushbutton operation. Easy "pop-up" loading. Record/battery level meter. Input for radio-TV, output for external speaker, earphone. Volume, tone controls. With remote mike, case, earphone, C-60 cassette. $2\frac{3}{8}$x$5\frac{1}{2}$x$9\frac{3}{4}$". Order 4 "C" batteries below. Japan. Shpg. wt., 4 lbs.

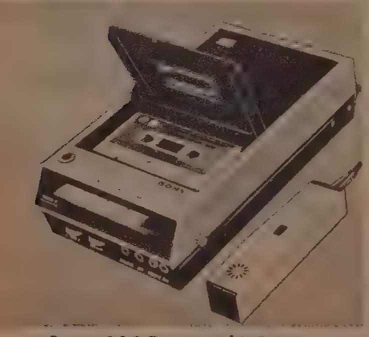
15 C 7097 S. *$5 Monthly*. 69.95
18 C 5078. "C" Batt. 4 oz. . . . Pkg. 2/33¢

Wollensak 4200 Porta Cassette Tape Recor

Battery Powered $\$69^{95}$ **$ mo**

Deluxe convenience-enginee corder features single 4-position for instant control of tape di Has separate recording level a ume controls. Safety interlo vents accidental erasure. Re level/battery condition meter. 80-10,000 Hz. With remote- mike/stand, C-60 cassette, car $4\frac{1}{2}$x$7\frac{7}{8}$x$2\frac{1}{4}$". Order batt. (Uses 5). Holland. 4 lbs.

15 C 7349 S. *$5 Monthly*. . . : . .
18 C 5078. "C" Batt. 4 oz. . . . Pkg



Sony 100 Battery/AC Recorder With Automatic Level Control

Battery/AC Powered $\$99^{50}$ **$5 monthly**

One of the finest cassette portable recorders available! Plays on batteries, or 117 VAC with built-in cord, plug. Automatic Level Control prevents distortion caused by over-recording. Easy pushbutton operation. Tone control. Fingertip cassette ejector—cassettes pop in and out instantly. Record level/battery condition meter. Radio-TV input. $9\frac{1}{2}$x$2\frac{5}{8}$x$5\frac{1}{2}$". With remote control mike, earphone, case, cassette, four "C" batteries. From Japan. Shpg. wt., 7 lbs.

15 C 7071 S. *$5 Monthly*. 99.50

NEW
at ALLIED

Panasonic RQ-210S With Integrated Circuits and ALC

Battery Powered $\$99^{95}$ **$5 monthly**

Advanced-design recorder features six integrated circuits for more performance, plus smaller size. Automatic Level Control eliminates distortion from over-recording. Single touch-lever operation. Convenient "pop-up" cassette loading. Record level/battery condition meter. Output for external amplifier. With remote control mike and stand, C-60 cassette, earphone, carrying case, 4 "AA" batteries. Size, $1\frac{7}{8}$x$3\frac{3}{4}$x$6\frac{7}{16}$". From Japan. Shpg. wt., $2\frac{1}{2}$ lbs.

15 C 7461 S. *$5 Monthly*. 99.95

Sony TC-50 Cassette-C —Our Smallest Cassette

Battery Powered $\$119^{50}$ **$ mon**

Smallest and lightest tape cass corder we sell . . . actually can coat pocket, but with same fi formance of larger models. Au Recording Control for easy, dis free recording every time. F separate built-in mike and s recording level/battery co meter, convenient pushbutto trols. Complete with snap-in pack, leather carrying case, 4 batteries, one C-60 tape cassett 7x3x$1\frac{1}{2}$". Japan. Wt., 2 lbs.

15 C 7073 S. *$6 Monthly*. . . . :

olid-State Stereo Cassette Tape Recorders

CSC-9350 Portable Tape/FM-AM Radio

AC
d **$159.50** $8 monthly

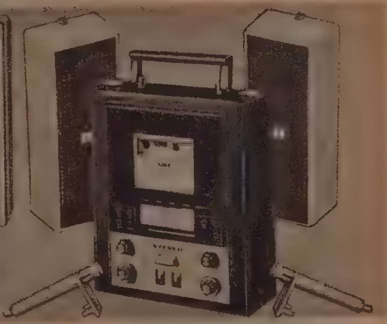
re portable includes stereo
eceiver, stereo cassette tape
and detachable speakers.
AM and stereo or mono
es "live" recordings from
shbutton recorder operation.
trol. Record level meters.
it, preamp output, stereo
e jack. AFC. Hi-impact
½x4x17½". With mikes,
ette. For 117 VAC/batteries
. Japan. Wt., 11 lbs.
U. *$8 Monthly*..... 159.50

NEW
at ALLIED

Hitachi TRQ-222 Portable Recorder with "Levelmatic"

Battery Powered **$129.95** $7 monthly

Deluxe recorder tapes 4-track stereo and mono. Has "Levelmatic" feature for perfect recordings every time. Operates anywhere on batteries or 117 VAC. Convenient pushbutton operation with pop-up loading. Individual volume and tone controls for each channel. Two record level meters. Speakers separate up to 15 ft. for great stereo listening. Earphone output. With two mikes, batteries. 11x 8¾x6¼". Japan. Wt., 6 lbs.
15 C 7098 U. *$7 Monthly*...... 129.95



Aiwa TP-1004 Portable Cassette Recorder Outfit

Battery/AC Powered **$109.95** $6 monthly

Compact system records and plays 4-track stereo and mono. Pushbutton controls, level and tone controls for each channel. Two record level meters. Two 3x5" speakers in matching enclosures. Handy accessory storage compartment. Records from mikes, radio/phono/TV. With 2 dynamic mikes (one with remote control), C-60 cassette, two earphones. For 115 VAC or batteries (included). 12¾x13x3½". Japan. Shpg. wt., 9 lbs.
15 C 7162 U. *$6 Monthly*..... 109.95

x "Micro 85" Deluxe ereo Tape System

red **$189.00** $10 monthly

home recording system tapes
s 4-track stereo and mono.
use pushbuttons provide posi-
trol of all functions. Digital
for indexing tapes. Record
eter. Pause control. Three-
emble is handsomely finished
walnut veneer. Wide-range
aker systems. Includes two
ectional mikes with table
ize: recorder, 3½x14¾x8⅝";
14½x9x7¼" each. For 117
stria. Wt., 36 lbs.
0 U. *$10 Monthly*..... 189.00

NEW
at ALLIED

Concord F-400 Portable Recorder With ALC

Battery/AC Powered **$139.50** $7 monthly

Versatile recorder tapes outstanding 4-track stereo or mono, has switch-controlled Automatic Level Control. Operates on its own self-contained batteries or from standard 117 VAC. Quality transport features pushbutton operation. Plays through its own speakers, has outputs for auxiliary speakers, plus preamp output. Powerful 8-watt stereo amplifier. Complete with dynamic remote-control mike, one blank cassette, 6 batteries. 9¾x 12⅜x3¾". Japan. 12 lbs.
15 C 7322 U. *$7 Monthly*...... 139.50

Norelco "450" Recorder With PA System Feature

AC Powered **$199.50** $10 monthly

Precision recorder tapes 4-track stereo/mono with superb fidelity. Features digital counter, record-level meter, pop-up loading, pushbutton operation. Can be used as a public-address system. Satellite speakers in matching teak fasten together to form single unit. Record, tone, loudness, balance controls. Inputs for mike, phono, tuner. Outputs, ext. speakers, amplifier, headphone. Stereo mike, blank cassette. 5x16x10". 117 VAC. From Holland. Wt., 17 lbs.
15 C 7077 U. *$10 Monthly*.... 199.50

ers on These 2 Pages Use Standard Philips Cassettes, Operate at 1 ⅞ ips

Tape Cartridge Players and Full-Feature De

A

$69.95
$5 monthly

A Panasonic RS-800AS P

Plays 8-track cartridges through
system or console. Built-in solid-sta
plugs into aux. input of amplifier.
or manual track changing. Track
lights. Tape speed, 3¾ ips. Res
12,000 Hz. Signal-to-Noise ratio, 51
nut cabinet, 4½x16½x8½". For
Japan. Shpg. wt., 8½ lbs.
15 C 7209 X. *$5 Monthly*........

NEW at ALLIED

B **$89.95**
$5 monthly

B 4-and 8-Track Cartridge

Fully automatic solid-state 4-track *a*
stereo cartridge player. Plugs into
having tape, phono or aux. input.
trols for each channel. Fine-tunin
eliminates channel crosstalk. Plays
Response, 40-12,000 Hz. Signal/Noi
dB. Oiled walnut cabinet, 4½x13¼x
VAC. Japan. Shpg. wt., 12½ lbs.
15 C 7443 X. *$5 Monthly*..........

NEW at ALLIED

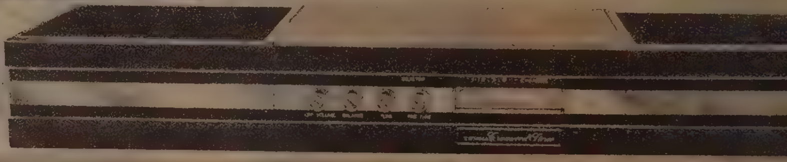
C **$129.95**
$7 monthly

C Panasonic RS-810S Playe

Solid-state 8-track stereo cartrid
system. Automatic continuous pl
button track selector; balance, ton
mode selector. 16-watt-peak stereo
two separating speaker systems. 3¾
12,000 Hz. 51 dB S/N. Phono, au
line, headphone outputs. Walnut
4x16½x9". 117 VAC. Japan. 21 lbs.
15 C 7142 U. *$7 Monthly*..........

Matching Enclosures Give an Integrated Console Look, or Separate for Best Stereo

D



NEW at ALLIED

$149.95
$8 monthly

D 4-and 8-Track Player Sy

Fully automatic 4-track *and* 8-track
stereo tape cartridge player syst
tuning control aligns playback hea
crosstalk. Tone, balance, volume
Amplifier delivers 20-watts peak mu
to two separating speaker systems.
hand-rubbed oiled walnut cabinetry
40-12,000 Hz. Player 4½x13¼x9".
4½x10¼x9". 117 VAC. Japan. 29 lb
15 C 7442 U. *$8 Monthly*..........

Sony TC-8 Stereo Record/Playback Cartridg

$129.50
$7 monthly

Records and Plays Tape Cartridges

Records from Mike, TV-Radio-Phono

Continuous 8-Track Playback

Plays Standard Pre-Recorded Cartridges

- Plays through Your Present Stereo Am
- Continuous Play—No Cartridge Turn
- Stereo Headphone Jack
- Automati

Feature-packed cartridge deck with
ble solid-state circuit—an outstand
Deluxe 8-track deck lets you record
stereo cartridges at home . . . also pl
ard pre-recorded stereo tapes. Plugs
present stereo system, using amp
speaker systems. Provides continu
programs without the bother of reel
and changing. Stereo headphone jac
listen in privacy. Speed, 3¾ ips. Res
12,000 Hz. Flutter and Wow, less th
Automatic shut-off; visual channel
Less mikes. 8 7/16x11 31/32x4 17/32". For
Hz AC. From Japan. Wt., 11 lbs.
15 C 7047 U. *$7 Monthly*..........

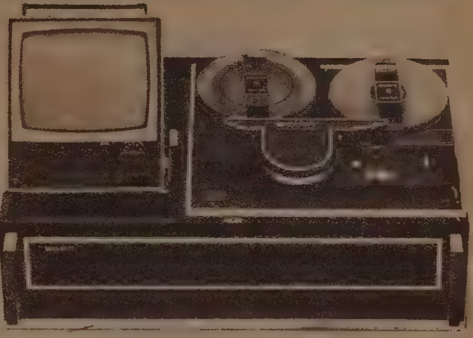
For 8-Track Pre-Recorded Tapes, See Pa

;ony Video Tape Recorders, Monitors, Cameras

'-2100
eotape
corder
A

795.00

NEW at ALLIED



$1050.00

A Portable Videocorder

CV-2100. Video tape recorder lets you tape directly off the air—or create your own tapes with camera system (below). Sony-Matic controls for easy operation, with automatic video and audio level controls. Records 1 hour on 7″ reel at 7½ ips. Tapes are interchangeable with other Videocorders. Provision for audio dubbing. 18⅛x11⅞x15¾″. 115 V, 60 Hz. Japan. 55 lbs.

15 C 7660 Z. *$33 Monthly*... 795.00

15 C 7661 Z. CV-2200. Same, but provision for tape duplicating with VDC-1 adapter. 55 lbs. 850.00

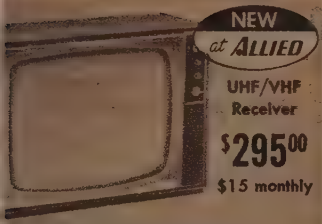
15 C 7667. VDC-1 Adapter 24.95

B Recorder/Monitor

TCV-2110. Video tape recording outfit, for commercial or home use. Consists of recorder and 8″ (diag.) receiver/monitor, in one compact unit. Easy operation, with automatic video and audio level controls. Full hour recording time on 7″ reel at 7½ ips. Tapered guide insures easy threading. One-touch start, automatic shut-off. Dubbing provision lets you insert audio where you want it. Tapes are interchangeable with other Videocorder models. 27½x16¼x11″. 115 V, 60 Hz AC. Japan. Shpg. wt., 75 lbs.

15 C 7662 Z. 1050.00

NEW at ALLIED



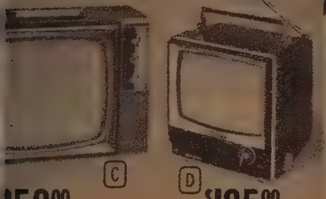
UHF/VHF Receiver

$295.00

$15 monthly

22″ Monitor/Receiver

A-220U. 22″ (diagonal) monitor for
gram source or playback system
CV-2000 series recorders. Attrac-
ly styled, shielded metal cabinet.
h resolution circuit for outstanding
ure quality; ideal for group viewing.
eives UHF, VHF channels. Octal
g for VTR. Tube circuit. 26x13⅝x
8″. 115 V, 60 Hz. Japan.
7666 Z. 80 lbs. *$15 Mo.*... 295.00



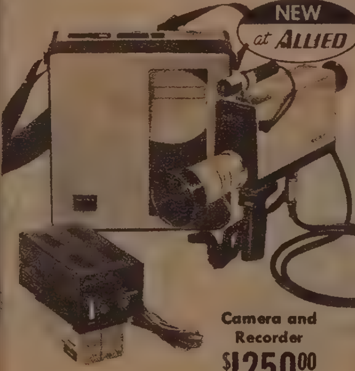
50.00
monthly

$195.00
$10 monthly

VM-180U 18″ Monitor/Receiver. Tube-
ircuit receiver serves as all-channel
ram source, or monitor for record-
and playback. Shielded cabinet has
g handle. High resolution, sharp
re with 18″ (diag.) screen. Video-
er connection. 21¼x12½x15½″.
V, 60 Hz AC. Japan. 55 lbs.
7665 Z. *$18 Monthly* 250.00

VM-51UWP 8″ Monitor/Receiver.
olid-state monitor with 8″ (diagonal)
n offers high definition and ex-
ional picture clarity. Use as all-
nel program source, or as picture
sound system during playback.
-in monopole antenna. 9x10x8⅝″.
V, 60 Hz. Japan. 12 lbs.
7680 U. *$10 Monthly* 195.00

NEW at ALLIED



Camera and Recorder

$1250.00

Portable Recording Outfit

DVK-2400/VCK-2400. Hand-held camera and video recorder outfit lets you shoot "live" action anywhere. **DVK-2400 Battery-Operated Videocorder** can be carried over your shoulder, weighs only 11 lbs. Easy to operate with one-touch start/stop, automatic video and audio level controls. Records up to 20 minutes on 5″ reel at 7½ ips. Rechargeable batteries operate 1 hr. 11¼x11⁵⁄₁₆x4⅞″. **VCK-2400 Hand-Held Camera** has trigger switch, 1″ screen viewfinder, 16-64 mm Zoom f2 lens, top-mounted dynamic microphone, shoulder strap. 2¾x5x8¼″. With charger. Japan.

15 C 7663 Z. 20 lbs. 1250.00

Camera Ensemble

$395.00

$18 monthly

Complete Camera Ensemble

VCK-2100. For any Videocorder and Monitor/Receiver or in CCTV systems. **CVC-2100 Solid-State Vidicon Camera** has 25 mm, f/1.9 "C" lens, automatic sensitivity control. Mechanical shutter protects Vidicon, standby switch keeps lens closed. RF-Out switch for direct connection to monitor. **Optional CVF-4 Viewfinder** mountable on top of camera, has 4″ (diag.) screen. **Includes F-98 Dynamic Cardioid Microphone** with desk stand, lavalier. With elevator tripod, carrying case, all cords. Shpg. wt., 30 lbs. Japan.

15 C 7664 Z. *$18 Monthly*... 395.00

15 C 7668. U. **CVF-4 Viewfinder.** For camera. Shpg. wt., 5 lbs. 175.00

Telephone Answering Systems..Portable Recor

Crown Automatic Telephone Answering System

$99⁹⁵
$5 monthly

- Answers Phone with 30-Second Message
- Hooks Up to Phone Easily—No Rewiring
- Change Pre-Recorded Message in Minutes

Model CTA-4000. Now you can have your own automatic telephone answering system. "Telephone Valet" answers your phone, gives caller a pre-recorded 30-second message, and resets, ready for the next call. Hooks up to your phone quickly and easily with no rewiring. Your pre-recorded message, on endless-loop tape, is easily changed using mike built into answerer. Solid-state circuit. Smart low-boy styling in walnut-finished cabinet. $2\frac{3}{8}$x$8\frac{1}{2}$x$10\frac{7}{16}$". Complete with endless-loop tape cartridge, mike, cables. Operates for pennies a day on 110-120 volts, 60 Hz AC. From Japan. Shpg. wt., $6\frac{1}{2}$ lbs.
15 C 7545 X. *$5 Monthly*........................99.95

Crown Telephone Answerer and Rec

$199⁹⁵
$10 monthly

- Answers Phone and Delivers Your
- Records Caller's Message for P
- Built-In Tape Cassette Recorder

Model CTA-4400. Perfect for business or home, t
plete telephone answering system includes a buil
cassette recorder. Automatically answers phone,
to 30-second message pre-recorded on endless lo
and records caller's message on cassette recorder
back later. Voice-activated recorder usable se
also. Uses instant-loading Philips-type cassettes.
installs in minutes without rewiring. Handsome
cabinet, $3\frac{5}{16}$x$10\frac{1}{16}$x$12\frac{13}{16}$". With endless-loop ta
sette, built-in mike. For 110-120 volts, 60 Hz A
Japan. Shpg. wt., 9 lbs.
15 C 7541 U. *$10 Monthly*.......................

Crown Battery/AC Portable Tape Recorder

$99⁹⁵
$5 monthly

- Convenient Automatic Tape Repeater
- Automatic Recording Level Control
- Push-to-Reset 3-Digit Tape Counter

Model CTR-6650. Feature-packed portable recorder boasts handsome attache-case styling. Operates on 6 "D" batteries or 117 VAC to record and play 2-track monaural tapes anywhere. Automatic Recording Level control prevents overload distortion. Capstan drive at $3\frac{3}{4}$ and $1\frac{7}{8}$ ips. Features automatic tape repeater for continuous replay of brief message. Easy pushbutton operation. Record level/battery condition meter. Push-to-reset digital counter. Built-in 3x5" speaker. $14\frac{5}{8}$x$9\frac{13}{16}$x$3\frac{1}{4}$". With remote-control stop-start mike, batteries, 5" takeup reel. From Japan. Shpg. wt., $6\frac{1}{2}$ lbs.
15 C 7542 X. *$5 Monthly*........................99.95
18 C 5779. Extra "D" Batteries. Shpg. wt., 4 oz.........2/33¢

Toshiba Solid-State Stereo Tape Recor

$199⁵⁰
$10 monthly

- Convenient One-Touch Tape Thre
- Fast, Easy-to-Use Single Knob C
- Detachable Wide-Range Stereo S

Model GT-840S. A fine solid-state recorder featuri
one-touch tape threading. Records and plays 4-trac
at $7\frac{1}{2}$, $3\frac{3}{4}$ or $1\frac{7}{8}$ ips. Single-knob tape contro
detachable $6\frac{1}{2}$" wing speakers for superb stereo w
channel separation. Output jack for use as a dec
brated level meters let you make professional-
recordings. Has sound-with-sound, direct tape mon
Pause control and digital tape counter for editing
control. Operates vertically or horizontally. Wi
mikes, stands, two earphones, 7" reel of tape, and
reel. Size, 13x16x$15\frac{3}{4}$". For 110-120 volts, 60 Hz AC
Japan. Shpg. wt., 39 lbs.
15 C 7445 U. *$10 Monthly*.......................1

ew! *ALLIED* 255 Super-Value Recording Tape

UR LOWEST COST RECORDING TAPE

Special Oxide Formula—Fine Quality at Lowest Possible Prices

Low As **56¢**

- Special Oxide Formula for Good Recordings
- High Tensile Strength • Temperature Resistant
- Deep Lubrication for Longer Tape Head Wear
- Every Reel Guaranteed Splice-Free

ALLIED
SERIES NO. 255
RECORDING TAPE

ord your valuable, irreplaceable record collection at eptionally low cost with Allied's new 255 tape. Durable ra-strong acetate or Polyester tape is ideally suited for purpose. It's also excellent for taping a permanent rd of family fun, the children's voices, classroom ures, weddings, important business notes. Even dictate entire book . . . record everything you'd like to keep. One continuous length of tape on 7-inch reel plays up to 8 hours at 1⅞ ips. Special oxide formula helps to assure full-fidelity recording. Lubrication on tape reduces wear of expensive tape recorder heads. Uniform sensitivity throughout. High-tensile strength virtually eliminates tape break. There is no better recording tape, at such low prices, than Allied 255.

tock No.	Reel Size	Length in Feet	Ideal For Recording	Mils	Base Material	Wt., Lbs.	EACH		
							1-11	12-24	25-Up
C 8275	3¼"	375	Dictation and Voice Letters	1.0	Acetate	½	.69	.59	.56
C 8276	5"	900	Dictation, Voice Letters, Lectures	1.0	Acetate	¾	.84	.76	.72
C 8277	7"	1200	Family, Children's Voices, Duplicating LP's	1.5	Acetate	1½	.99	.94	.89
C 8278	7"	1800	Radio-TV Broadcasts, Duplicating LP's	1.0	Acetate	1½	1.59	1.43	1.39
C 8279	7"	2400	Extra-Long Broadcasts, Concerts, Symphonies	0.5	Polyester	2	2.99	2.69	2.54

ave $5.95 on Allied's Special Case Bonus Offer

BUY 10 REELS OF TAPE AND GET CARRYING CASE FOR $1 MORE

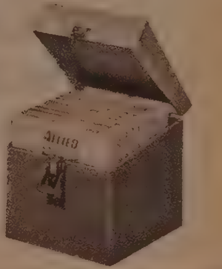
ecial savings on 10-reel carrying case when purchase 10 reels of Allied 255 recording e (above). You get the savings of buying our regular low prices, plus a carrying e (separately at right) for storing and protting your tapes for only a dollar more. es you up to 24,000 feet of tape on spelly developed warp-resistant reels. Up to hours recording time. Don't miss this extional offer!

15 C 8019. Ten 1200-Ft. Reels with Case. Shpg. wt., 18 lbs. 10.90

15 C 8021. Ten 1800-Ft. Reels with Case. Shpg. wt., 18 lbs. 16.90

15 C 8022. Ten 2400-Ft. Reels with Case. Shpg. wt., 23 lbs. 30.90

15 C 8057. Case Alone. Blue and white leatherette covering over wood. Size, 8x8x8". Shpg. wt., 3 lbs. 6.95



ew Recording Tape and Accessories

Professional Tape Care Kit

eep your recorder and tapes like new. Kit includes five 7" els (6000 ft.) of Allied "255" 1½-mil acetate tape; tape ad demagnetizer; 150-ft. leader tape; tape splicer; 100- splicing tape; booklet on editing and splicing; tape reader; 2-oz. of head cleaner; 2-oz. of lubricant; siliconeated cloth; 30 labels; 12 tape clips.

C 0101 L2X. Shpg. wt., 8 lbs. 18.95

New Low-Cost Tape Care Accessory Kit

omplete kit (not illus.) includes: three 7" reels (3600 ft.) 2-mil of Allied "255" acetate tape; 150-ft. leader tape; pe splicer; 100-in. splicing tape; 24-page booklet on tape iting; 2-oz. bottle of head cleaner; 30 identification els and 12 tape clips.

C 8018. Shpg. wt., 6 lbs. 9.95

ALLIED
ALLIED
ALLIED
ALLIED
ALLIED

LLIED Recording Tape Is Guaranteed Splice-Free

ALLIED
SERIES NO. 260
RECORDING TAPE

Allied "260" Recording Tap

QUALITY TAPE FOR EVERY APPLICA

With Features Usually Found Only in High-Priced Tape

- Continuous Length, Guaranteed Splice-Free Recording
- Deep-Lubricated for Minimum Recorder Head Wear
- Full Frequency Response with High Signal-to-Noise Ratio
- Moisture and Heat Resistant for Consistently Good Soun

Guaranteed
High-Quality
Recording Tape

Specially Processed for Outstanding Recording and Listening Pleasure

Manufactured to Allied's high standards to meet the needs of quality-conscious recordists, "260" is tops for general-purpose use at low cost. Made from quality materials, using advanced manufacturing equipment to give you consistently fine sound quality. Free from microscopic irregularities including skew, edge burrs, feathered edges, shedding, cupping, and curling. Also offers a special deep-lubricant, an integral part of the tape coating itself, to further extend life of both tape and recorder heads. Continuous length, splice-free material gives you a tape with exceptional str
and high resistance to adverse temperature and hu
ty conditions. High sensitivity, wide response,
noise level, and uniform output permits use of
recording speeds with minimum loss of fidelity.
for transcribing from pre-recorded tapes, recor
tuner. Also makes excellent recordings from m
phones. No other general-purpose recording tape
you all these high-quality features at such money-sa
low prices. Exclusively at Allied!

Select the Tape You Need from Allied's Wide Selectio —The Right Quality at an Outstanding Low Price!

Stock No.	Reel Size (Inches)	Length (Feet)	Mil	Base	Wt., Lbs.	EACH	
						1-11	12-24
15 C 8740	3¼	600	0.5	Polyester	½	.89	.79
15 C 8741	5	900	1.0	Polyester	¾	1.18	1.06
15 C 8742	7	1200	1.5	Acetate	1	1.49	1.34
15 C 8743	7	1800	1.0	Polyester	1¼	2.14	1.93
15 C 8744	7	2400	0.5	Tensilized Polyester	1	3.49	3.14
15 C 8745	7	3600	0.5	Tensilized Polyester	1	4.98	4.49

Save $5.95 On Tape Case Bonus Offer

KNIGHT
ALLIED
260

Buy 10 Reels of Tape, Get Case for only $1 more

STOCK-UP ON TAPE NOW AND SAVE!

Special savings on deluxe carrying case with the purchase of ten 7" reels of top-quality recording tape. Gives you a sturdy wooden hinge-top case that's ideal for protecting, storing, and transporting your tapes (listed separately at right). You also get up to 36,000 feet of Allied full-frequency "260" recording tape in ten individual boxes. Up to 120 hours of playing time.

15 C 8080. Ten 1200-Ft. R
Case. Wt., 13 lbs.......

15 C 8081. Ten 1800-Ft. R
Case. Wt., 15½ lbs......

15 C 8082. Ten 2400-Ft. R
Case. Wt., 13 lbs.......

15 C 8083. Ten 3600-Ft. R
Case. Wt., 15 lbs.......

15 C 8057. Carrying Case
Blue and white leatheret
wood. 8x8x8". 3 lbs......

Save—Buy Tapes in Quantity on Allied's Credit Fun

lied "265" Recording Tape

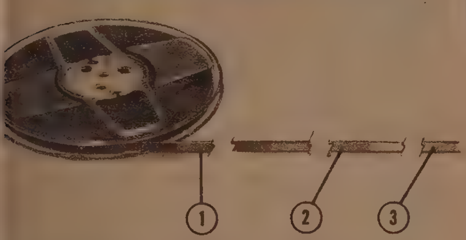
RA RANGE FULL-SPECTRUM TAPE

Special-Formula Recording Tape with Extra-Deluxe Features

ed's best tape! Professional-quality for finest ordings, it's the best choice for high-fidelity fectionists. Guaranteed splice-free and manu-tured to Allied's specifications. Designed for imum frequency response and lubricated to vide longer tape head wear. Contains first-lity materials to give outstanding hi-fi reproduc-a and to provide years of reliable use.

ALLIED
265
ULTRA RANGE
RECORDING TAPE
Full spectrum formula
for master recording
PRODUCT OF ALLIED RADIO CORPORATION • CHICAGO, ILL.
1.5 MIL ACETATE

Look at These Important Extras!



. Head-Cleaning Tape Spliced to End of Reel

. Sensing Foil at Each End of Tape Actuates Recorder with Reverse Mechanism

. Color-Coded Leader at Each End of Tape

ALLIED
SILICONE IMPREGNATED
TAPE CLOTH TOWELS

Book of Silicone Tape Cleaning Pads with Each Reel

Heavy-Duty Computer-Type Reel Heat Treated to Prevent Warping

Allied 265—Our Best Recording Tape

- Deep Lubrication for Lowest Possible Head Wear
- Head Cleaner Cleans Heads on Each Tape Pass

Allied's Ultra Range tape gives you features and quality designed to meet the requirements of the most critical recording connoisseur. Specially developed micro-polishing process cuts abrasion to a minimum. Precision wound on heavy-duty heat-treated 7" reel. Also, each reel includes book of silicone-impregnated rayon tape-cleaning pads that extend tape and head life.

Red and green polyester leaders are attached to each end of the tape. Ultra-thin bonded sensing foils actuate recorders equipped with automatic reverse mechanism. A length of head cleaning-tape is spliced into one end of every reel of tape to remove accumulated material from recorder heads. Has the latest binder system that features built-in homogenized lubrication to substantially reduce the possibility of oxide peeling or flaking. 1½-mil acetate tape is recommended for taping parties, home recordings, dictation; 1-mil polyester for taping stereo LP's or for recording direct from a tuner; ½-mil polyester for lengthy musical performances without interruption. A truly remarkable tape.

Stock No.	Length (Feet)	Base	Wt., Lbs.	EACH		
				1-11	12-24	25-Up
15 C 8269	1275	1½-mil Acetate	1	2.09	1.88	1.67
15 C 8270	1875	1-mil P'yester	1	3.19	2.97	2.65
15 C 8271	2475	½-mil P'yester	1½	4.60	4.14	3.89

ave $5.95 on Special Tape Case Bonus Offer

Y 10 REELS OF TAPE, GET CASE FOR $1 MORE

e on 10-reel carrying case! y 10 reels of deluxe recording e (above). You get the savings buying at bulk prices, plus a rdy tape carrying case (sepa-ely at right) to store and tect tapes, for only a dollar re. Gives you up to 24,750 feet tape on specially developed p-resistant reels. Up to 80 rs recording time.

15 C 8084. Ten 1275-Ft. Reels with Case. Wt., 12½ lbs........21.90

15 C 8085. Ten 1875-Ft. Reels with Case. Wt., 15 lbs..........32.90

15 C 8086. Ten 2475-Ft. Reels with Case. Wt., 17½ lbs.........47.00

15 C 8057. Case Alone. Attractive blue and white leatherette over wood. Size, 8x8x8". Shpg. wt., 3 lbs.........................6.95

Buy 10 Reels of Tape, Get Case for only $1 more

KNIGHT
ALLIED
265

ied Recording Tape is Guaranteed Splice-Free

"Scotch" Audio Recording Tape

Scotch
recording tape

A COMPLETE TAPE SELECTION FOR EVERY RECORDING NEED

Tapes on this page have molded plastic reels, except *NAB-type aluminum reels with 3″ center hole.

111 Standard 1½-Mil Acetate Tape

For all general recording. International standard of the recording industry—provides flawless sound reproduction at low cost. Silicone lubricated to protect heads and extend tape life. Av. shpg. wt., 8 oz.

Stock No.	Type	Feet	Reel	1-11, EA.	12-Up, EA.
15 C 8542	111-1.5	150	3″	47	.42
15 C 8543	111-3	300	4″	1.07	.96
15 C 8547	111-6	600	5″	1.50	1.35
15 C 8548	111-12	1200	7″	2.34	2.10
15 C 8549	111-25RO*	2500	10½″	7.20	6.48

Philips-Type Tape Cassettes

For Allied 1100, 1150; Aiwa TP707, Ampex "Micro" Series, Concord F100, Mercury TR800, Norelco 150, Wollensak 4100 and 4200, other recorders using Philips-type cassettes. †Recording time, both directions. Shpg. wt., 3 oz.

Stock No.	Type	Feet	†Minutes	1-11, EA.	12-Up, EA.
15 C 8311	271	300	60	2.13	1.92
15 C 8314	272	450	90	4.28	3.81

120 High-Output 1½-Mil Acetate Tape

Over 100% higher output level than standard tape for greater dynamic range and freedom from distortion on signal peaks. For sensitive recording applications. On plastic reels. Av. shpg. wt., 10 oz.

Stock No.	Type	Feet	Reel	1-11, EA.	12-Up, EA.
15 C 8312	120-6	600	5″	1.50	1.35
15 C 8554	120-12	1200	7″	2.34	2.10

200 Double-Length ½-Mil Tensilized Polyester

100% more time—as much as two reels standard tape. Super-strong and stretch resistant. High-potency oxide. Av. shpg. wt., 12 oz.

15 C 8500	200-12	1200	5″	3.63	3.27
15 C 8541	200-24	2400	7″	6.33	5.70

131 Low-Print-Through 1½-Mil Acetate Tape

Reduces print-through to a point below the noise level of most professional machines. Excellent recording characteristics, allows long storage. Av. shpg. wt., 12 oz.

Stock No.	Type	Feet	Reel	1-11, EA.	12-Up, EA.
15 C 8313	131-6	600	5″	1.87	1.68
15 C 8534	131-12	1200	7″	2.93	2.64
15 C 8540	131-25RO*	2500	10½″	8.14	7.32

175 Heavy-Duty 1½-Mil "Tenzar"

Longer-wearing tape shrugs off hard use, rough handling . . lasts many times longer than ordinary tape. Made with same wear-resistant high-potency oxide coating proved durable in heavy-duty tapes for high-speed computers. Fights heat, won't dry out in storage nor absorb any moisture; doesn't tear if edges become nicked. **Specify color: Clear, Red, Blue, Green or Yellow.** Av. shpg. wt., 10 oz.

Stock No.	Size	Feet	1-11, EA.	12-Up, EA.
15 C 8315 C	5″	600	1.60	1.44
15 C 8316 C	7″	1200	2.50	2.25

Sensitive "Dynarange" Series Tape

Scotch
recording tape
201

Choice of professionals. Sensitive—lets you use slower speeds withou fidelity loss. 15% longer life; lov noise; good hi-frequency response, lov rub-off. Superior signal/noise ratio—ideal for transcribing from pre-recorded tapes and records. Polyester except †acetate. Av. wt., 1 lb.

Stock No.	Type	Base	Feet	Reel	1-11, EA.	12-Up, EA
15 C 8535	201-6	1½-mil†	600	5″	1.87	1.68
15 C 8504	201-12	1½-mil†	1200	7″	2.93	2.64
15 C 8536	202-6	1½-mil	600	5″	1.90	1.71
15 C 8537	202-12	1½-mil	1200	7″	3.40	3.06
15 C 8538	203-9	1-mil	900	5″	2.83	2.55
15 C 8505	203-18	1-mil	1800	7″	4.90	4.41

150 Extra-Length 1-Mil Polyester Tape

50% more playing time plus extra-strong base. Withstands temperature, humidity extremes. High-potency oxide. Av shpg. wt., 12 oz.

Stock No.	Type	Feet	Reel	1-11, EA.	12-Up EA.
15 C 8531	150-9	900	5″	2.40	2.16
15 C 8532	150-18	1800	7″	4.13	3.72
15 C 8533	150-36RO*	3600	10½″	9.57	8.61

290 Triple-Length ½-Mil Polyester Tensilized Tape

Extra thin, stretch and break-resistant tape gives more playing time at a minimum cost per foot. For all genera recording uses. Shpg. wt., 5″ reel, 8 oz.: 7″ reel, 1½ lbs.

Stock No.	Type	Feet	Reel	1-11, EA.	12-Up, EA.
15 C 8304	290-18	1800	5″	4.63	4.17
15 C 8545	290-36	3600	7″	7.97	7.17

190 Extra-Length 1-Mil Acetate Tape

50% more tape—as much recording time as 1½ standard reels. High-potency oxide for purity of sound. Av. wt., 12 oz

15 C 8550	190-9	900	5″	2.34	2.10
15 C 8552	190-18	1800	7″	3.67	3.30
15 C 8553	190-36RO*	3600	10½	8.53	7.68

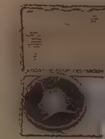
Plastic-Coated 1½-Mil Polyester "Sandwich" Tape

Microthin plastic shield over oxide coating eliminates rub-off. Wears up to *30 times longer*. Reduces recorder maintenance, head wear. 5″ reel, 600′; 7″ reel, 1200′. Wt., 10 oz.

Size	Reel Color					EACH	
	Clear	Red	Blue	Green	Yellow	1-11	12U
5″	15 C 8578	15 C 8579	15 C 8580	15 C 8581	15 C 8582	2.07	1.86
7″	15 C 8583	15 C 8586	15 C 8587	15 C 8589	15 C 8590	3.30	2.97

"Living Letters" Tape with Plastic Mailing Container

Newest way to send personal notes. Plastic container meets postal regulations as mailer. Hinge, snap closer. †Tensilized. Shpg. wt., 4 oz.



Stock No.	Mfr's Type	Base	Feet	EACH 1-11	EACH 12-U
15 C 8300	111-¼-1.5-LL	1½-mil Acetate	150	.60	.54
15 C 8301	200-¼-3-LL	½-mil Polyester†	300	1.23	1.11
15 C 8302	290-¼-6-LL	½-mil Polyester†	600	1.97	1.77
15 C 8303	MT-MAILER-LL	Mailer w/empty 3″ reel		.40	.36

15 C 8501. #11 Address Labels . . . . Pkg. of 10 for 33¢

Video and Audio Recording Tape, Accessories

"SCOTCH" Video Recording Tape

:lical scan tape, precision made for superior signal-to-ise ratio and long life. Low-noise oxide for clear pictures, ırp contrast. Type 351 is for Sony, Concord and Pana-ıic recorders, on 7" plastic self-threading reel in book-le box. Type 357 is for Ampex VR7000 and VR6000, 9¾" phenolic hub with riveted alum. flanges. *Minutes. pg. wt.: ½-hour tape, 1 lb.; 1-hour, 1½ lbs.

tock No.	Type	Feet	Dia.	Width	*Min.	1-9, EA.	10-24, EA.
5 C 8320	351	1250	7"	½"	32	21.95	20.85
5 C 8319	351	2400	7"	½"	64	39.95	37.95
5 C 8318	357	1500	9"	1"	31	44.95	42.70
5 C 8317	357	3000	9"	1"	62	59.95	56.95

Scotch Taping Accessories

pe 24 Leaders & Timing Tape. 100'. 15 C 8569 is white; C 8568, yellow. Dispenser package. Wt., 3 oz.

C 8569. 12-Up........Each .54   1-11..........Each .60

C 8568. 12-Up........Each .54   1-11..........Each .60

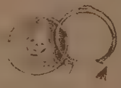
pe 21-10. Leader Tape. White. 1000'. 7" reel. Wt., 8 oz.

C 8546. 12-Up........Each 2.70 1-11..........Each 3.00

C 8557. Type 41½-S Splicing Tape. Non-run adhesive on e side. ½x150". Dispenser pkg. Wt., 3 oz........Each .39

C 8577. Type 51-⅞-S. Aluminized Sensing Tape. For orders with automatic "stop" and "reverse" controls. hesive on one side, foil on other. 150" reel. In handy penser package. Shpg. wt., 3 oz...............Each 1.89

Scotch Self-Threading Tape-Reel



Type PRST-7

minates tedious reel threading. Place y tape or leader on reel hub and let order do the rest. 7" plastic reel with ıp-tight collar. Seals out dust, makes l self-storing without box. Wt., 8 oz.

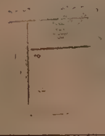
C 8014. 12-Up. Each .90 1-11. Each 1.00

Scotch Empty Plastic Reels with Index Box

andard reels in most frequently used sizes. Av. wt., 4 oz.

tock No.	Reel Size	1-11, EACH	12-Up, EACH
5 C 8559	3"	.17	.15
5 C 8558	5"	.44	.39
5 C 8556	7"	.50	.45

ROBINS Correspondence Tape



gh-quality recording tape with im-ct-resistant plastic mailer and two-ed address card. Mailer meets all stal requirements. 3" reels except ¼". **Material: A-Acetate; P-Polyester; P-Polyester Triple Play. 6 oz.**

tock No.	Type	Feet	Base	Time (7½ ips)	EACH
5 C 8183	15H3	150	1.5 mil. A	7½ Min.	.59
5 C 8184	10H3	225	1. mil. A	11 Min.	.69
C 8185	10H3M	225	1. mil. P	11 Min.	.84
5 C 8186	5H3M	300	.5 mil. P	15 Min.	.93
5 C 8187	5H3MS	450	.5 mil. PTP	22½ Min.	1.32
5 C 8188	5H32MS	*600	.5 mil. PTP	30 Min.	1.64

AUDIOTAPE Recording Tape

One of the finest professional-quality tapes available—with maximum fidelity, uniform frequency response and freedom from noise and distortion. Tested for perfection in durability, size, smoothness. "C-slot" plastic reels designed for easy threading.

Strong 1½-Mil Standard Tape

Standard recording tape with plastic base. Meets exacting requirements of the professional, educational and home recordist at low cost. Plastic reels. Av. shpg. wt., 8 oz.

Stock No.	Type	Feet	Reel	1-9, EA.	10-Up, EA.
15 C 8625	151	150	3"	.46	.41
15 C 8637	651	600	5" C-slot	1.47	1.32
15 C 8627	1251	1200	7" C-slot	2.29	2.06

1-Mil Tape for 50% Longer Playing Time

50% more recording time per reel. Durable polyester film base for trouble-free operation. Plastic reels. Av. wt., 8 oz.

Stock No.	Type	Feet	Reel	1-9, EA.	10-Up, EA.
15 C 8700	261	225	3" Mailer	.66	.59
15 C 8701	961	900	5" C-slot	2.35	2.12
15 C 8702	1861	1800	7" C-slot	4.05	3.65

Double-Recording-Time ½-Mil Mylar

Twice as much recording time per reel. Suitable for extended play where tape tension is not excessive. Av. wt., 12 oz.

Stock No.	Type	Feet	Reel	1-9, EA.	10-Up, EA.
15 C 8626	331	300	3"	.89	.80
15 C 8629	1231	1200	5" C-slot	2.29	2.06
15 C 8631	2431	2400	7" C-slot	4.24	3.82

Double-Strength Tempered ½-Mil Mylar

Twice as much recording time as standard tapes, plus twice the strength of other double-length tapes. Av. wt., 12 oz.

Stock No.	Type	Feet	Reel	1-9, EA.	10-Up, EA.
15 C 8628	331T	300	3" Mailer	1.05	.94
15 C 8619	1231T	1200	5" C-slot	3.56	3.20
15 C 8622	2431T	2400	7" C-slot	6.20	5.59

Tempered ½-Mil Mylar with Triple Recording Time

Special, thin oxide coating on ½-mil "Tempered Mylar" gives triple the recording time of standard tape. Excellent for taping FM programs. Shpg. wt., 12 oz.

Stock No.	Type	Feet	Reel	1-9, EA.	10-Up, EA.
15 C 8632	633T	600	3½" Mailer	1.97	1.77
15 C 8633	1833T	1800	5" C-slot	4.54	4.09
15 C 8634	3633T	3600	7" C-slot	7.81	7.03

Audiopak Recording Tape Cartridges

Type A-4 is for 4 track, A-8 for 8-track cartridge recorders using standard ¼"-wide tape. Av. shpg. wt., 3 oz.

Stock No.	Type	Feet	1-9, EA.	10-Up, EA.
15 C 8635	A-4	300	2.70	2.45
15 C 8636	A-8	150	2.51	2.27

Ultra-Thin ¼-Mil Tape

Plays Four Times Longer

Extends recording time of most 3¼" battery-operated recorders. 1200-ft. of tape records four hours (2 tracks) at 1⅞ ips; two hours at 3¾ ips. Tensilized polyester base. Outstanding performance with any good capstan-drive battery or battery/AC recorder. Surprising sensitivity and ruggedness. Not for rim-drive recorders. Dustproof plastic case. Shpg. wt., 10 oz.

15 C 7070..................Each 3.50

Philips-type Tape Cassettes and Tape Butler

ALLIED
Magnetic Recording Tape Cartridge
90 minutes playing time
Compact Cassette
C-90

Low As $1.61

Top-Quality Tape with "Pop-In" Convenience

Allied Super-Coated Blank Tape Cassettes

- Deep Lubrication Protects Tape Heads • Moisture and Heat Resistant
- Excellent Response with Uniform Output • Strong Polyester Base

Allied's Philips-type recording tape cassettes offer quality on a par with the best reel-type recording tape. Made to rigid specifications for your assurance of finest results. Deep lubrication preserves tape life and protects precision-made tape recorder heads. Reduced friction gives instant start at normal operating speed and smooth operation throughout recording and playback. Super-coated for superior signal to noise ratio. Excellent frequency response, uniform output. Moisture and heat-resistant. Made on finest polyester base; strong, resilient, free from microscopic defects. Packaged in self-mailing boxes. Compatible with all recorders using Philips tape cassette system.

Type C-60 Blank Tape Cassette. Records up to 60 minutes. Wt., ½ lb.
15 C 8001. 1-11..............Each 1.79 12-Up..................Each 1.61

Type C-90 Blank Tape Cassette. Records up to 90 minutes. Wt., ¾-lb.
15 C 8002. 1-11..............Each 2.69 12-Up..................Each 2.42

Type C-120 Blank Tape Cassette. Records up to 120 minutes. Wt., 1 lb.
15 C 8003. 1-11..............Each 3.65 12-Up..................Each 3.28

Save $6.94 . . . Buy 10 Allied Cassettes, Get Tape Butler for 1¢ More

only 1¢ more

ALLIED
tape carrier

Take advantage of this offer and *save $6.94*. Buy package of 10 top-quality Allied cassettes in 60-minute, 90-minute, or 120-minute lengths (described above) and you get the new, versatile Tape Butler worth $6.95 (described below) for only 1¢ more.

Pkg. of 10: C-60. Records up to 60 minutes. *Plus* Tape Butler bonus.
15 C 0102 L2X. Shpg. wt., 7½ lbs..............................17.91

Pkg. of 10: C-90. Records up to 90 minutes. *Plus* Tape Butler bonus.
15 C 0103 L2X. Shpg. wt., 10 lbs..............................26.91

Pkg. of 10: C-120. Records up to 120 minutes. *Plus* Tape Butler bonus.
15 C 0104 L2X. Shpg. wt., 12½ lbs..............................36.51

Economy Blank Tape Cassettes—Record Up to 120 Minutes

Low As $1.35

- Trouble-Free, Non-Jamming Cartridge
- No-Bind Construction • Instant Start
- Tape Is Free from Microscopic Defects

Economy cassette for low-cost recording of radio and TV programs, dictation, interviews, discussions, lectures. Features trouble-free, non-jamming design and good quality recording tape. Deep lubrication protects expensive tape recorder heads from excessive wear. No-bind construction permits instant-start and smooth operation. Tape is free from microscopic defects such as edge burr, feathered edges, cupping and curling. For use on any tape recorder using the Philips cassette system, including: Allied 1100 and 1150; Aiwa 707; Ampex "Micro" Series; Concord F-100, F-103, F-105; Norelco 150; Wollensak 4100 and 4200; plus many others. Cassettes are available below in 60-minute, 90-minute and 120-minute lengths.

Type C-60 Tape Cassette. Recording Time: up to 60 minutes.
15 C 8272. Shpg. wt., ½ lb..............................1.35

Type C-90 Tape Cassette. Recording Time: up to 90 minutes.
15 C 8273. Shpg. wt., ¾ lb..............................2.15

Type C-120 Tape Cassette. Recording Time: up to 120 minutes.
15 C 8274. Shpg. wt., 1 lb..............................2.95

Organize and Protect Your Tape Collection with the New Auto/Home Tape Butler

tape carrier

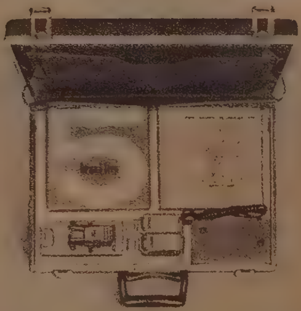
Snap-Fast Lids Open Wide to Allow Full Exposure of Tape Library plus Fingertip Title Selection

$6.95

- Holds 72 Tape Cassettes
- Snap-Fast Lids • Cushioned Base

Protect your stereo tape cartridges and cassettes from temperature extremes and physical damage. Tape Butler holds 72-Philips-type cassettes or twelve 4 or 8-track cartridges. Requires no special installation. Easel mounting and 5-position adjustment fits all cars, foreign and domestic. Installs on consoles, rear hump, top of front seat. Cushioned foam base permits use in home or office, even on polished surfaces. Durable high-impact case with black leather-grain finish. Size, 10½x8½x8¼".
15 C 8055 X. Shpg. wt., 2½ lbs..........6.95

ecial Tape Care Kits and Pre-Recorded Tapes



ow-Cost Tape Care Kit

95 *Specially Selected Items for Recording*

nger and better service from any ler. Robins Tape Accessory Kit ins: "Cut-N-Splice" Splicer; and Guide Cleaner and Lubri- Splicing Tape; 7" Takeup Reel; ape Clips; One Reel 1200′ 1.5 ecording Tape; 6 Empty Tape in handsome Attache Case for act storage, convenient carrying. 6x11". Shpg. wt., 5½ lbs.
088 .... 9.95

Deluxe Tape Care Kit

$19⁹⁵ *Advanced Outfit for the Serious Recordist*

Get more out of your recording with this Robin outfit. Contains these accessories: "Junior" Tape Splicer; Head and Guide Cleaner and Lube Kit; Head Demagnetizer; 75 Tape Clips; Splicing Tape; 7" Takeup Reel; Color-Coding Title Labels; Book on Tape Splicing; 3 Reels of 1200-ft. 1.5 mil Recording Tape; 4 empty boxes. Attache Case, 3¼x16x11".
15 C 8089. 7 lbs. *$5 Monthly* ... **19.95**

Complete Tape Accessory Kit

$29⁹⁵ *Professional Outfit With Finest Accessories*

Professional Robins Tape Care Kit includes: Bulk Tape Eraser; Head Demagnetizer; "Junior" Tape Splicer; 7" Takeup Reel; 1200-ft. 1.5 mil Recording Tape; Tape Lubricant and Head Cleaner; 75 Tape Clips; Splicing Tape; Two Empty Boxes. In handsome Attache Case for easy carrying, compact storage. 3¼x18½x13¾". Shpg. wt., 10 lbs.
15 C 8443 X. *$5 Monthly* **29.95**

Pre-Recorded 7-inch Stereo Tapes

ally-selected new albums of the best in music All on ard 4-track, 7" reels. 7½ ips. Shpg. wt., 1 lb.

tock	Tape No.	Title	EACH
8423 S	Q401	Popular Music	3.98
8422 S	Q403	Jazz Music	3.98
8420 S	Q404	Sounds	3.98
8492 S	M70000	A Journey into Stereo	5.98
8493 S	L405	Dance Beat	6.98
8494 S	L406	Broadway Music	6.98
8428 S	C7006	Sound Effects in Stereo Vol. 1	6.98
8495 S	C7010	Sound Effects in Stereo Vol. 2	6.98
8496 S	L70125	Mantovani's Golden Hits	6.98
8426 S	L66003	Phase 4 Stereo Sampler	6.98
8498 S	FT05032	Fiddler on the Roof	8.49
8499 S	FT05033	Sound of Music	8.49

Pre-Recorded Stereo Tapes ... 3-Hours Music Per Reel

- 7-inch Reels Recorded at 3¾ ips
- Each Reel Equivalent to 6 LP Records

$9⁹⁵
Per Reel

Enjoy all-time favorites on 4-track long-play stereo tapes. Each tape plays 3 hours of programmed stereo music at 3¾ ips., and offers some of the world's greatest talent. On 7" reels. Shpg. wt., 1½ lbs.

ck No.	Description
C 8450 S	**Tribute to Big Bands,** Over 50 Dance Hits
C 8451 S	**Easy Listening (Vol. 1),** 62 Favorites
C 8458 S	**Classic Workshop (Vol. 3),** Mozart, others
C 8452 S	**Classic Workshop (Vol. 4),** Strauss, etc.
C 8453 S	**Latin Latin Latin,** Rene Touzet
C 8454 S	**The Big Bands,** 54 Tunes, Woody Herman, etc.
C 8455 S	**Dance Time,** 100 Tunes, Ralph Marterie, etc.
C 8456 S	**Dance Masterpieces,** Gershwin, others
C 8457 S	**Orchestral Masterpieces,** Wagner, Strauss
C 8459 S	**Popular Dance Favorites**

..... 9.95

New Pre-Recorded Stereo Albums on Philips-Type Tape Cassettes

SMART BUYS AT OUR LOW PRICES

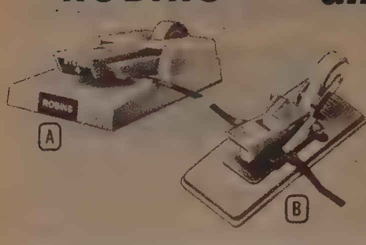
Low As
$5⁹⁸

- Selected to Fit Most Entertainment Tastes
- Play Your Favorite Music Up to 40 Minutes

Allied is now offering a bigger and wider selection of prerecorded Philips-type stereo tape cassettes for your listening pleasure. Compatible with Philips-type monaural tape players—can be used with suitable automobile, home, or portable tape players interchangeably. Each album has up to 40 minutes listening time. Excellent values at these low prices. Shpg. wt., 4 oz.

Stock No.	Title	Artist	EACH
15 C 8567S	**Heart of Hawaii**	Arthur Lyman, etc	5.98
15 C 8570S	**Polite Jazz**	Cy Coleman, others	5.98
15 C 8571S	**Music From Around The World**	The Phantom Gypsies, R. Rogers, others	5.98
15 C 8572S	**Strings and Things**	Steinburg, others	5.98
15 C 8574S	**The Big Bands**	Charlie Barnett, etc.	5.98
15 C 8584S	**Dorthy Donegan Live**	Dorthy Donegan	5.98
15 C 8585S	**Contemporary Moods**	Lauren Day, others	5.98
15 C 8562S	**Rock Time**	Top Rock Groups	5.98
15 C 8563S	**Dixieland USA**	The Blue Chips	5.98
15 C 8564S	**Psychedelic Rock**	The Ashes, others	5.98
15 C 8511S	**Mantovani's Golden Hits**	Mantovani	5.98
15 C 8561S	**Blues with a Taste of Jazz**	Damita Jo, others	5.98
15 C 8566S	**Jack Wilson Meets Charlie Barnett**	Jack Wilson Trio, Charlie Barnett	5.98
15 C 8512S	**Phase 4 Stereo Variety**	Popular Artists	6.98
15 C 8513S	**Dr. Zhivago**	Soundtrack	6.98
15 C 8514S	**Gone with the Wind**	Soundtrack	6.98

ROBINS *Gibson Girl® Taping Accessories*



NEW at ALLIED
F
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[A] TS-8D Deluxe "Stereo 4." Splices 4-track stereo and mono tapes. Cuts tape diagonally, with tiny side trim. "See-thru" windows show operating positions. Replaceable cutter. Blade centering adjustment. Of super-strong "Implex." Has integral tape dispenser. With 100" roll ½" splicing tape, instructions. 1 lb.
15 C 8142.............................**7.79**

[B] TS-7S Standard Stereo Splicer. Similar to above. Dispenser has 100" roll ⅜" splicing tape.
15 C 8220. Wt., 12 oz...........**5.99**

TS-7J Junior Stereo Splicer. Above, less dispenser, tape.
15 C 8221. Wt., 8 oz.............**4.89**

[C] TK-9 Tape Editing Workshop. For splicing and editing tapes. Handles reels up to 7". Consists of 2 tape winders and Deluxe "Stereo 4" Splicer with tape base. 5½x12x6¼".
15 C 8348. Wt., 2 lbs.......... **14.39**

[D] TS-5 Cut-N-Splice. Metal block has guide, cutting groove for hand-held blade. Built-in tray holds 25 patches, and blade, supplied.
15 C 8350. Wt., 5 oz.............**1.99**

[E] TS-6 Deluxe Cut-N-Splice. This easy to use splicer has dual control knob for cutting tapes at 30-45° or 90°. With 25 self-stick patches. Patches are stored in tray built into base.
15 C 8349. 5 oz.......................**2.99**

[F] 15 C 8222. TSV-50 ½" Videota **Splicer.** Heavy-duty. 1¾ lbs...11

15 C 8223. TSV-100 1" Videotape Spli **for Ampex.** Shpg. wt., 1¾ lbs...11

Tape Patches for Above. Pkg. of 60
15 C 8225. For TSV-50. Wt., 3 oz...
15 C 8224. For TSV-100. Wt., 3 oz..

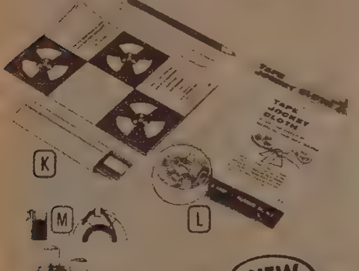
[G] 15 C 8754 E. TE-24. "Tape Edit and Splicing Guide" book. 3 oz.

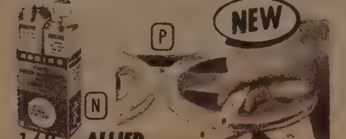
15 C 8755 E. TE-96. "What You Sho Know About Your Recorder." 4 oz.

15 C 8756 E. TE-127. "Tape Record The Sounds of Your Life." 4 oz.

15 C 8757 E. TE-129. "How to Get T Most Out of Your Recorder." 4 oz.

Editing and Recorder-Care Accessories





[H] TK-8DLX Deluxe Tape Accessory Kit. Contains: TS-8D "Stereo 4" Splicer; roll of ½" Splicing Tape; Tape Threader; Head Cleaner; Head Lubricant; Tape Jockey Cloth; Tape Clips; Reel Title Labels; Reel Holders; Editing and Splicing Booklet.
15 C 8169 X. Wt., 1½ lbs.........**11.99**

Recording Head Azimuth Alignment Tape (Not illus.) For aligning tape head angle. 100' on 3" reel.
15 C 8217. Shpg. wt., 8 oz........**1.05**

[J] TK-21 Starter Tape Editing Kit. Tape splicer has adhesive-backed plastic tape guide that fastens to recorder. Roll of tape, editing pencil.
15 C 8228. Wt., 2 oz................**1.75**

[K] TK-19 Tape Editors Kit. Includes: TS-5 "Cut-N-Splice" metal tape splicing block; 25 self-stick patches; 3 editing pencils; tape editing book.
15 C 8229. Wt., 5 oz.............**2.69**

[L] TG-7 Tape-Care Pack. Includes: 12 plastic clips to keep tapes neatly on reels, and 2 jockey cloths to clean and lubricate tapes. 5 oz.
15 C 8231..................................**85¢**

[M] TC-75 Tape Clips. Keeps tape from unwinding. Plastic, reusable. 75 clips in handy plastic container.
15 C 8376. 8 oz............**Per Box 75¢**

[N] TK-6 Tape Head Cleaner and Lube Kit. Two-oz. bottles of Head Cleaner and Head and Guide Lubricant.
15 C 8181. Wt., 6 oz..............**1.19**

[P] TK-5 Tape Strobe and Light Kit. Check speed, wow and flutter of recorders at 15, 7½, 3¾ ips. Strobe, neon light. Instr. 117 VAC.
15 C 8763. Shpg. wt., 6 oz........**1.59**

Tape-Clean. (Not illus.) Chemically treated cloth tape cleans, lubricates heads and guides. Wt., 4 oz.
15 C 8205. THC-5. 5" Reel........**1.89**
15 C 8233. THC-3. 3" Reel.........**1.05**

Empty Reels

Empty Plastic Reels for Every Record Need. Most-popular sizes. Col available: †Yellow. ‡Blue. ♯Indica low-torque. Av. shpg. wt., per pa age, 2 lbs. Less box.

Stock No.	Mfr's Type	Size	Pkg. of	PE PK
15 C 8356	TR20-6	2"	6	69
15 C 8357	TR25-6	2½"	6	69
15 C 8358	TR30-6	3"	6	69
15 C 8359	TR32-4	3¼"	4	69
15 C 8382	TR36-6	3"	6	79
15 C 8360	TR40-4	4"	4	79
15 C 8361	TR50-2	5"	2	59
15 C 8390	†TR51-Y	5"	2	79
15 C 8391	‡TR51-B	5"	2	79
15 C 8393	♯TR53	5"	2	1.0
15 C 8362	TR70-2	7"	2	75
15 C 8396	†TR71-Y	7"	2	99
15 C 8397	‡TR71-B	7"	2	99
15 C 8363	♯TR74	7"	2	1.2
15 C 8762	TRV-75	7"	1	1.4

Splicing Tape

Polyester. Shpg. wt., 2 oz.

Stock No.	Type	Width	Lgth.	EAC
15 C 8364	TST-235	¼"	300"	69¢
15 C 8365	TST-376	⅜"	275"	
15 C 8366	TST-501	½"	250"	
15 C 8368	TST-233	Self-stick Patches Pkg. of 75		79¢

Type TT-101 White Leader Tape. (N illus.) 1200-ft. on 7" reel. For p semi-pro recordists.
15 C 8753. Wt., 14 oz...............2.

Type TT-100C Clear Leader Tape. (N illus.) 100-ft. on 2½" reel.
15 C 8752. Wt., 3 oz....................7

Type TPP-2 Pressure Pads. (Not ill Self-stick, cut to size for all recorde Worn pads can cause tape sque etc. 44 felt pads, "U-cut-it" pads odd model recorders.
15 C 8764. Wt., 2 oz.....................7

pe Accessories for Home and Studio

ROBINS

A
B
NEW
E
99
F
NEW
C
G
H
VU
J
HEAD KLEEN
NEW

-2 Magnetic Tape Editing Pen. ed like writing pen, removes sound, noise from tape.
241. Wt., 3 oz. 1.25

6 Deluxe Demagnetizer. Heavy- y demagnetizer removes resid- agnetism from tape heads. 4⅝x ia. For 110-120 V, 60 cycle AC. Listed. Wt., 1 lb.
154 . . . . 6.95

3 Low-Cost Demagnetizer. Tape order head demagnetizer for all recorders. Low-cost version of TD-6, described above. Size, ¼" diameter. For 110-120 V, le AC. Shpg. wt., 8 oz.
127 . . . . 3.98

D **TM-99 Professional Bulk Tape Eraser.** Reduces noise level on tape 3 to 6 dB below normal erase-head level. Erases entire reel in seconds. For reels to 10½" dia. x ½" wide. 5¼-6¾". For 110-120 V, 50-60 Hz AC. U.L. Listed. Shpg. wt., 8½ lbs.
15 C 8114. *$5 Monthly* 28.50

E **TM-77 Deluxe Bulk Tape Eraser.** For tape reels to 7" dia. x ¼". Erasure 2 to 4 dB below erase-head level. 2⅜x 3¾x6¼". For 117 VAC. U.L.
15 C 8130. Wt., 5 lbs. 15.89

F **TM-44 Bulk Tape Eraser.** For reels to 7x¼". 5¼x2⅛x3⅛". For 115 V, 50-60 Hz AC. U.L. Listed.
15 C 8242. 2¾ lbs. 10.95

G **TM-88 Standard Model Bulk Eraser.** Portable hand-held unit has momentary contact (on-off) switch. For ¼" tape, any size reel. 4x2¼x4¼". For 110-120 V, 50-60 Hz AC.
15 C 8400. Shpg. wt., 2¼ lbs. . . 10.49

H **TVU-1 Professional VU Meter.** Prevents overload or recording at too low level. Two-color scale. Modulation: 0-100%. VU: −20 to +3 dB. 2700 ohms. Use with high or low-Z circuits. 2x$1\frac{11}{16}$". ¼" terminals.
15 C 8761. Wt., 6 oz. 3.98

J **THS-1 Head-Kleen Spray.** Aerosol spray removes dirt, oxides, other particles on recorder heads.
15 C 8760. Wt., 6 oz. 1.19

Recorder-Care and Tape Storage Accessories

1 Tape Log Book Kit. For listing ır library by color-coding. In- 120-page color indexed log 120 coded title labels, 48 num- 1-8 tape index spots, pen.
247. Wt., 14 oz. 4.98

olor-Coded Tape Box-Ends. (Not Box-ends code contents, index . 5 each: Red, Blue, Orange, , Yellow, White.
246. Wt., 5 oz. 1.49

Color-Coded Leader Tape. (Not 100 ft. each of 5 colors: Red, Yellow, Green, White.
248. Wt., 14 oz. 2.49

Color Coded Title Labels. (Not 40 each of 6 colors: Red, Blue, , Orange, Yellow, White. Self- 2x½" labels.
249. Wt., 2 oz. 1.05

artridge and Cassette Head-Kleen. lot illus.) Contains 1¼-oz. bottles e head cleaner and lubricant, 25 long swabs.
767. Wt., 5 oz. . . . . 99¢

Color-Coded Index, Cuing Spots. illus.) Self-stick spots numbered 3 each of Red, Blue, Orange, n, Yellow, White.
252. 1 oz. . . . . 99¢

Reel Title Labels. (Not illus.) 180 , pressure-sensitive 2x½" labels. wt., 5 oz.
253 . . . . 85¢

P-2 Phone Pick-Up. Fastens to one with suction cup. 5′ cable, plug. Shpg. wt., 6 oz.
354. . . . . 1.99

t of 12 Deluxe Molded Individual pe Safes. Protects 7" tapes from dirt, aging. Hinge covers. Safe ms have dovetail grooves for nount bracket. Less tape, reels.
102. **Set of 12 Individual Tape , Metal Bracket.** 8 lbs. 11.59

N **TW-1 Precision Tape Strobe.** Highly accurate all-metal, chrome-plated strobe. Precision machined, needle bearings. Instructions.
15 C 8116. Wt., 1 lb. 5.99

P **Tape Storage Cans.** Metal, durable enamel finished. Ribs on cans nest for stacking. Less reels. **In Pairs.**
15 C 8207. TC-7. 7" cans. 1 lb. 2/1.09
15 C 8208. TC-5. 5" cans. 14 oz. . . . 2/.72

R **RMC-6 Plastic Mailing Box.** Rugged, high-impact, reusable box. For reels up to 3¼". 5 oz.
15 C 8255 . . . . 99¢

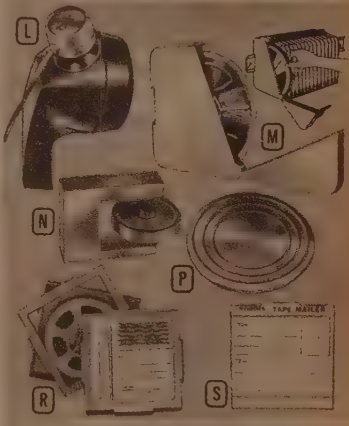
S **TB-15 Tape Mailing Boxes.** 15 boxes for reels up to 3" dia. 6 oz.
15 C 8256 . . . . Per Pkg. 75¢

T **TK-14 Recorder Maintenance Kit.** Essential for every home tape recordist. Includes: head demagnetizer to remove residual magnetism; two jockey cloths to clean and lubricate tapes; 3" reel of "Tape-Clean" to clean heads and guides.
15 C 8245. Wt., 12 oz. 4.19

X **TLA-1 Tape-Clean-Lube System.** Self-stick base mounts on any recorder. Applies silicone lubricant and cleaner (incl.) to both tape sides.
15 C 8758. Wt., 5 oz. 2.98

TLA-2 Tape Lube-Stick. (Not illus.) Lubricates both tape sides. Reduces drag. Self-stick base.
15 C 8759. Wt., 3 oz. 1.98

TK-12 Professional Tape Accessory Kit. (Not illus.). Suitable for language labs, and serious home recordists. Includes: TS-8D Deluxe "Stereo 4" Splicer; 6 rolls ½" Splicing Tape; Tape Threader; Tape Jockey Cloth; Head Cleaner; Lubricant; 24 Tape Clips; 150 Reel Title Labels; Tape Strobe and Light Kit; TM-99 Bulk Eraser; TD-6 Demagnetizer. 14 lbs.
15 C 8213 X. *$5 Monthly* 49.95



Tape Heads and Accessories, Recording Discs

NORTRONICS Replacement Heads for Tape Recorders

In function column R means Record, P-Play, E-Erase. †Indicates mounting kit when required; see Quik-Kit table (right) for prices. Shpg. wt., 1 lb.

FOR REVERE, WOLLENSAK, 3-M

Stock No.	Mfr's Type	Function	Models	EACH
15 C 8650 S	*RPE-20 or	RPE	10, 11, 15-27, 200, 202, 700, 700D, 750, 752, 762, 800, 800D, 862, 850	18.60
15 C 8651 S	*RPE-23	RPE	852, 900, 905, 925, 926, 1000, 1005, 1025, 1026, 1100, 1105, 1125, 1126, 1200, 1205, 1225, 1226, 1400 (B, C, D, E), 1405, 1425, 1426, 1500, 1520, 1570, 1600, 1700, 1800, 2000, 2005, 2025, 7805, 70000 Series	15.60
15 C 8651 S	RPE-23	RPE	100, 300, 301, older 2TR mono	15.60
15 C 8596 S	RPE-24	RPE	500, 600	15.60
15 C 8597 S	RPE-40	RPE	204, 1120, 1515, 1515-2	32.50
15 C 8598 S	RPE-21	RPE	1500(SS, AV, D)	22.80
15 C 8599 S	7601	RP	11-4, 204-4, 1440 (B, C, D, E) 1515-4, 1616-4, 1818	28.50
15 C 8601 S	7720	E	All above	11.00
15 C 8602 S	6125	RPE	524, 504, 7500, 7540	21.00
15 C 8603 S	6002	RPE	1280, 1281	33.00
15 C 8604 S	7601	RP	1580, 1780 (B, C, D, E), 1980 (B, C, D, E) 1981 (B, C, D, E), 2200, 2205, 2225	28.50
15 C 8605 S	E-59	E	All above except 2200 series	17.75
15 C 8606 S	E-52	E	2200 series only	16.25
15 C 8665 S	6005	RPE	5200, 5250, 5280, 5300	33.00

*RPE-20 Replaces original Nortronics head—RPE-23, original Shure.

FOR SONY

Stock No.	Mfr's Type	Function	Models (May Be Prefixed TC or SSA)	† QK	EACH
15 C 8854 S	1000	RP	262 (D, SL), 464 (CS, D, SL)	102	21.00
15 C 8854 S	1000	RP	300, 500, 501, 521	119	21.00
15 C 8607 S	1007	RP	200, 250, 260, 350	102	21.00
15 C 8711 S	1202	P	777S-4	102	28.20
15 C 8609 S	1210	R	263-263E, 350, 600, 777S-4	102	28.20
15 C 8709 S	1401	E	260, 350, 200, 250, 300, 500, 521,	306	12.00
15 C 8610 S	1402	E	262 (CS, D, SL), 464 (CS, D, SL), 777	305	12.00
15 C 8610 S	1402	E	263, 263E, 600	306	12.00
15 C 8611 S	2601	RP	101	102	15.90
15 C 8612 S	3602	E	101	305	8.00
15 C 8682 S	3600	E	102	19	8.00
15 C 8613 S	3002	RP	123	....	8.40
15 C 8706 S	3000	RP	135, 111	....	8.40
15 C 8697 S	3001	RP	905A, 801A, 102		
			Cement to mount	....	8.40
15 C 8613 S	3002	RP	900	21	8.40

FOR PANASONIC

Stock No.	Type	Function	Models	†QK	EA
15 C 8832 S	3101	RP	101S, 102S, 152S	21	8.
15 C 8682 S	3600	E	101S, 102S, 152S	18	8.
15 C 8832 S	3101	RP	115, 500, 555	....	8.
15 C 8712 S	2600	RP	700	66	15.
15 C 8714 S	3100	RP	705	21	8.
15 C 8682 S	3600	E	All above	19	8.
15 C 8718 S	1008	RP	755, 755S	66	21.
15 C 8709 S	1401	E	755, 755S	19	12.

MISCELLANEOUS REPLACEMENT HEADS

Stock No.	Type	Description	EA
15 C 8854 S	1000	4-Tr. St. R/P: high imp.	21.0
15 C 8984 S	1001	4-Tr. St. R/P: med. imp.	21.0
15 C 8706 S	3000	2-Tr. Mono R/P: high imp.	8.4
15 C 8697 S	3001	2-Tr. Mono R/P: med. imp.	8.4
15 C 8866 S	1400	4-Tr. St. Erase: high imp.	12.0
15 C 8575 S	5800	8-Tr. Auto Tape Player Repl.	15.0

Quik-Kit Hardware

15 C 8683 S	18	Side mount, all erase heads	1.0
15 C 8687 S	19	Base mount, all erase heads	1.0
15 C 8688 S	21	Base mount, R/P 3000 Series	1.0
15 C 8689 S	66	Base mount, R/P all others	1.0
15 C 8690 S	102	Sony R/P mount	1.7
15 C 8673 S	119	Sony R/P mount	1.0
15 C 8729 S	305	Sony erase mount	3.0
15 C 8828	306	Sony Erase Mount	1.5

NORTRONICS Recorder Accessories

15 C 8111. AT-100 Alignment Tape. Full-track 7½ ips. F head azimuth alignment. NAB testing response of a recorder or tape head. Shpg. wt., 4 oz. . . . . 4.

15 C 8795. TG-7 Tape Guide Post. Adjustable height, chron plated brass. With hardware, instructions. Wt., 3 oz. 1

Oscillator Transformers. Provide 40-120 volts rms at 60-1 kHz to record, erase heads. Shpg. wt., 6 oz.

15 C 8894 S. T60F. For Tube Circuits. . . . . 4.

15 C 8895 S. T-60-T2. For Transistor Circuits. 4

15 C 8719 G. New Tape Head Replacement Guide. Listing recorder model and original head part number. . . . . . . F

Adjustable Mount Assemblies

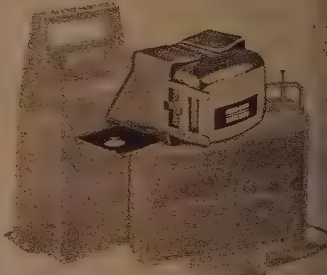
Full range of adjustments for height, face and azimu Can use two TG-7 tape guide posts. Base size, 1$\frac{1}{16}$″ x1$\frac{27}{32}$″ L with tabs; 1$\frac{7}{32}$″ L without tabs. 4 oz.

Stock No.	Type	Description	EAC
15 C 8825	74	All R/P heads except 3000, 3100	2.2
15 C 8826	77	For 3000, 3100 series R/P heads	2.2
15 C 8827	78	For all erase heads	2.2

NEW at ALLIED

MICHIGAN MAGNETICS

Replacement Heads for Cassette Recorders and Cartridge Players



04CR1PX-5. Mono cassette record/play head for 0.150 tape in C60, C90 and C120 cartridges. Improved frequency response over OEM imports. Integral tape guide preset for correct tracking. Shpg. wt., 6 oz.
15 C 8614 S. 15.95

08CR2PX-5. Stereo cassette record/play head for 0.150 tape in C60, C90, C120 cartridges. Crosstalk rejection of −35 dB; improved response, −10 dB at 10 kHz. 6 oz.
15 C 8615 S. *$5 Monthly*. 21.95

4NH2LS-0. 8-track stereo head for car and home cartridge players. Output at 1 kHz, 0.9 mV; 10 kHz relative, −10 dB. For Motorola, Lear, Muntz, Delco, etc.
15 C 8616 S. Wt., 6 oz. 14.95

AUDIO DEVICES Disc Recording Blanks

Smooth-coated on both sides of aluminum base. Red Label for professional use; Yellow Label for general use.

Stock No.	Size	Label	Base	Wt., Ea.	Lbs., Pkg.	PER PKG. OF 25
						EACH
15 C 8050	10″	Red	.040″	6 oz.	8½	34.75
15 C 8051 X	12″	Red	.050″	9 oz.	13½	74.25
15 C 8052	10″	Yellow	.040″	6 oz.	8½	30.00
15 C 8053 X	12″	Yellow	.050″	9 oz.	13½	63.25

AUDIOPOINT Synthetic-Sapphire Disc Cutting Needl

For use with disc recorders. 87° included angle. Type has .003″ tip radius; Type 20 has .0005″ tip radius. 2 oz.

Stock No.	Type	Description	Tip	Wt., Oz.	EAC
15 C 8108	14	Short shank, standard groove	.003″	2	4.9
15 C 8109	20	As above, for microgroove	.0005″	2	4.9
15 C 8118	14	Long shank, standard groove	.003″	2	4.9
15 C 8156	20	As above, for microgroove	.0005″	2	4.9

rtable Typewriters, Adders for Home, Office

eluxe Electric Typewriter Outfit

Office-Size Keyboard
matic Repeat Keys
es Up to 10 Copies

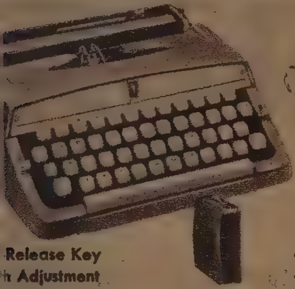
$\$159^{95}$
$8 monthly

ator 1400” electric has automatic spacing key and special repeat keys: ,,, XXX. Copy control gives clear , 1 thru 10. Wide-range accurate control. 10″ carriage, full length key pulator. Two-color ribbon with push- control for ribbon or stencil change. rt sloped 88-character keyboard. inder; half-line spacer; paper meter; d on-off light. Electric outlet. All- construction. Pica (large) type. With instruction record. 6x14x15½″. 117 U.L. Listed. Japan.
404 L2U. *$8 Monthly*. 47 lbs.. 159.95

FREE Stand Included

FREE Instruction Record

TOUCH TYPING



Release Key
h Adjustment

ent Special! Budget Portable

With Case $\$49^{95}$ $5 monthly

for the student, but the whole will use it too! Full 88-charac- yboard, including = + ! 1: 1, has 2-line spacing; half-space t for easy formula typing. table, card holder, paper scale, et margins. Two-color ribbon ment, stencil position, Pica type. Two-tone blue. All-steel action. 6¾x11½x15″. Luggage- arry case. Japan. 15 lbs.
306 U. *$5 Monthly*.......49.95

- Automatic Key-Set Tab
- Clear-View Paper Meter

Top-Value Full-Feature Portable

With Case $\$69^{95}$ $5 monthly

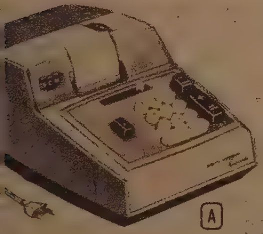
Includes many features of more expensive portables. Automatic key-set tab permits ultra-fast columnar work. Comfort-sloped 88-character keyboard with clear-view paper meter and scale. Touch selector, jam-release key. 1, 1½, and 2-line spacing plus half-spacer for formulas. Two-color ribbon, stencil selector. All steel. Pica (large) type. Luggage-style case. Blue. 8x18x16″. Japan. Wt., 19 lbs.
10 C 4311 U. *$5 Monthly*......69.95

- Pushbutton Key-Set Tab
- Pushbutton Ribbon Key

Heavy-Duty Home or Office Portable

Molded Case $\$89^{95}$ $5 monthly

Our best manual. Segment shift like office uprights, comfort-sloped 88-character keyboard with clear-view paper meter and scale. Jam-release key, variable line spacer, rapid paper advance, line finder. Vacuum molded case, snap-out mechanism. All steel. 7¾x18x16¾″. Choice of Elite, Pica, or Script type. Japan. 23 lbs.
10 C 4308 U. Elite Type..........89.95
10 C 4309 U. Pica Type..........89.95
10 C 4310 U. Script Type..........89.95



Adds, Subtracts, and Multiplies Electrically

$\$69^{95}$ $5 monthly

A SCM Portable Electric Adder

Lightweight model for home or student use. Fast, smooth, one-handed operation. Add 7 columns (99,999.99), totals 8 (999,999.99). Snap-on keyboard cover. Retracting handle. Green/White. 7x9x 13″. Detachable cord. For 110-120 V, 60 Hz AC. Wt., 10½ lbs.
10 C 4305 X. *$5 Monthly*.........69.95

B SCM Heavy-Duty Electric Adder

Model “890” adds, subtracts, multiplies 8 columns (999,999.99), totals 9 (9,999,999.99). Lightning-fast key response; correction key; simplified tape-feed system. Steel case holds extra tape (not incl.). Gray. 5¾x8x12″. Detachable 9′ cord. 117 VAC. 14½ lbs.
10 C 4787 U. *$6 Monthly*.........114.95

Vinyl-Clad Steel Case

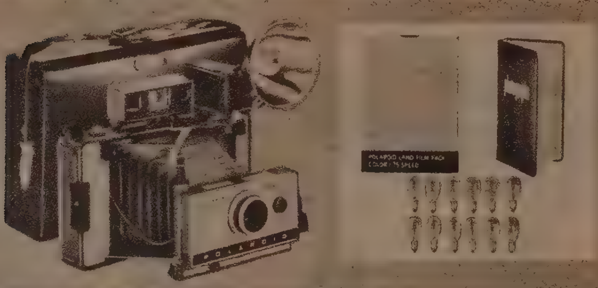
$\$114^{95}$
$6 monthly

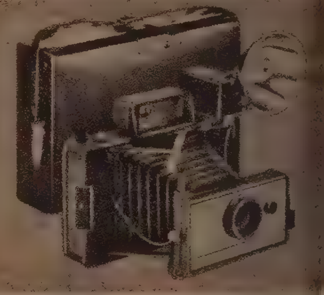
Polaroid Camera Outfit

With Color Film
$154.95
$8 monthly

Model 250 17-Piece Deluxe Color-Pack Outfit

Finest Color-Pack Outfit we've e offered. Zeiss-Ikon range/viewfinder c rects for parallax and field size. Four posure ranges, sharp triplet lens w electric eye and electronic shutter. Au matic operation, even with flash. Au matically takes time exposures up to seconds. Tripod socket. **Color-Pack Ca era; Case; Flash; Color Film Pack; 12 Fla bulbs; Album for 90 Photos.** 6½ lbs.
10 C 0106 L2S. *$8 Monthly*..........154
10 C 4824 S. Camera Alone. 3 lbs...129
10 C 4859 S. 583A Close-Up Kit. For Mo 250 only. Focuses to 9″. 6 oz........10
10 C 4704 S. 581A Portrait Kit. For only. Focuses to 19″. 6 oz...........10





Model 230 17-Pc. Color Pack Outfit

With Color Film **$114.95** **$6 monthly**
- **Razor-Sharp Triplet Lens**
- **Automatic Time Exposures**

Expensive features, moderate price. Triplet lens, folding range/viewfinder. Automatic exposures up to 10 seconds. Plastic body. Includes: **Camera; Case; Flash; Color Film Pack; 12 Flashbulbs; Album for 90 Photos.**
10 C 0026 L2S. Wt. 7 lbs. *$6 Monthly*..............114.95
10 C 4826 S. Camera Alone. Wt. 3 lbs..................99.50
10 C 4733 S. 581 Portrait Kit. For 230 only Focuses to 19″. Shpg. wt. 6 oz..................................9.95

Model 210 17-Pc. Color-Pack Outfit

With Color Film **$69.95** **$5 monthly**
- **Electronic Exposure Con**
- **Takes Full-Size Pictures**

Our lowest priced Color-Pack outfit. Model 210 cam has a molded plastic body and shutter housing. Du lens. Exposure is set automatically, even for flash. non-folding Range/viewfinder, corrects for field size has image sizer. Includes: **Camera; Case; Flash; Color Pack; 12 Flashbulbs; Album for 90 Photos.**
10 C 0034 L2S. Wt., 6 lbs. *$5 Monthly*...............69
10 C 4830 S. Camera Alone. Wt. 3 lbs..................49

"Big Swinger" Loads Instantly . . Takes 3¼x4¼" Pictures

15-Piece Outfit **$28.99** **$5 monthly**

Makes full-size 3¼x4¼″ black-and-white pictures in just 15 seconds. Viewfinder says "yes" when exposure is right. Loads instantly with Type 107 film pack. Has built-in flash; takes action shots, closeups, never needs focusing. Includes: **Camera; Camera Case; Pack of Film; 12 Flashbulbs.** Wt. 6½ lbs.
10 C 0090 L2S. *$5 Monthly*..................................28.99
10 C 4922 S. Camera Alone. Shpg. wt. 2 lbs...................22.88
10 C 4918 S. Case Alone. Wt. 1 lb..........................4.95
10 C 4972 S. AG-1 Flashbulbs. Wt. 12 oz...........**Pkg. of 12 for 1.49**

Polaroid Film and Accessories

10 C 4928 S. Print Copier. Make color or B duplicates with your Polaroid. 1 lb...........7
10 C 4882 S. Carryall Case. Wt., 1½ lbs.....10
10 C 4883 S. Development Timer. 4 oz..........6
10 C 4884 S. Self-Timer. Wt., 4 oz...............4
10 C 4909 S. Flash Attachment. For 100- and 2 Series Cameras. Uses M-3 Bulbs. 1½ lbs....6
10 C 4903 S. M-3 Flashbulbs. 12 oz.....**Pkg. 12/**
10 C 4885 S. Cloud Filter. Not for Models 210, 2 Swingers. Wt. 7 oz..............................4
10 C 4886 S. Cable Release. 4 oz.....................1
10 C 4879 S. Type 107 B&W Film. 8 exp. 6 oz...2
10 C 4880 S. Type 108 Color Film. 8 exp. 6 oz...4
10 C 4784 S. Photo Album. Holds up to 90 3¼x4 photos in clear windows. 1 lb................4

ACCESSORY LENSES. For Polaroid Models 100, 1 103, 230, 240 and 250. From Japan.
10 C 4708 S. Telephoto Lens. 2X magnification. W viewfinder, leather case. 1 lb.....................19
10 C 4709 S. Wide-Angle Lens. Increases cove 75%. With viewfinder, leather case. 1 lb ...19
10 C 4854 S. Wide-Angle/Telephoto Lens O *Separately, $39.90.* Includes both lenses lis above with dual viewfinder, case. 2 lbs 34

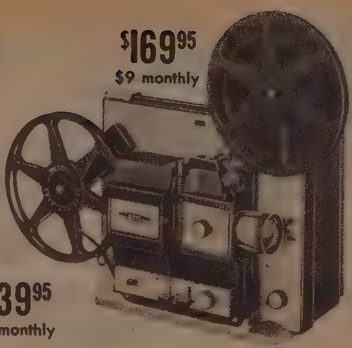
Polaroid Color-Pack Cameras Make Color Prints in 60 Seconds, B&W in

95

thly

$139.95
$7 monthly

$169.95
$9 monthly



Dual 8 Projectors Show Super-8 and Standard 8mm

r Model DP-787 Projector

Super 8 or regular 8mm films lip of a switch. Deluxe features automatic threading, multiple control, forward/reverse/still ion, automatic room lamp re- e that turns light off when or is turned on. Film trimmer. pacity. f/1.5 lens. For 117 V, AC. Wt., 16 lbs.

34 U. *$5 Monthly*........89.95

35 U. DP-787Z. Above, but with oom lens. 18 lbs........114.95

49 S. DeJur Projection Lamp. wt., 6 oz..................6.25

DeJur Model DP-999 Projector

See your Super 8 or regular 8mm films normally or turn a knob and watch them on the built-in TV-like screen. Fully-automatic—just insert end of film into gate, projector turns itself on, turns room lamp off. Shuts itself off at end of movie. f/1.4 zoom lens. Variable forward, reverse speeds; still projection. Film trimmer. 400′ capacity. For 117 V, AC. Wt., 20 lbs.

10 C 4741 U. *$7 Monthly*.......139.95

10 C 4736 U. DP-909. Above, without viewing screen. With f/1.3 zoom lens. Shpg. wt., 20 lbs..............129.95

Bell & Howell 466Z Projector

Just set selector to show Super 8 or regular 8mm. Automatic threading reel-to-reel. Dial focusing. Forward, still, and reverse. Variable projection speed with slow motion. f/1.2 zoom lens. 400′ capacity. Dual 8 Film cutter. With 3 Super-8 reel adapters, 400′ takeup reel. 117 V, AC. 17 lbs.

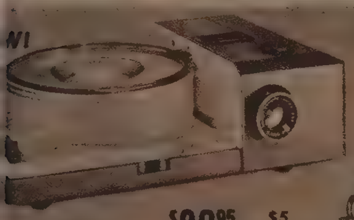
10 C 4742 U. *$9 Monthly*.......169.95

10 C 4834 U. 456Z. Above, f/1.6. No slow motion, var. speed. 17 lbs. 149.95

Projection Lamps. Shpg. wt., 6 oz.

10 C 4749 S. DLH. For 466Z.......6.25

10 C 4840 S. DJL. For 456Z.......5.50



ARGUS $89.95 $5 monthly

909 "Roundabout" Slide Projector

lhouette slide projector has full remote —lets you change slides, reverse, even rom your easy chair. Whisper-quiet turbo provides cool operation. 500-watt illumi- f/3.5 4″ lens. Fine-focus, elevation con- shows all 2x2″ slides. Uses 100-slide round r 60-slide straight trays. Editing feature. o carry—even with 100 slides ready to Cover has built-in screen. Remote control, tray. For 110-120 VAC. Wt., 20 lbs.

753 U. *$5 Monthly*..................89.95

942 S. 100-Slide Round Tray. 1 lb.......2.98

943 S. 60-Slide Straight Tray. 1 lb.......2.19

quipt Slide Projector Accessories

C 4434 S. 4-6″ f/3.5 Zoom . Wt., 6 oz...........34.95

C 4435 S. Sound Synchron- . Slides change to your track. For stereo recorder. cable, adapter. 6 oz. 24.95

827 S. 36-Slide Metal Magazine. ½ lb.. 1.69

328 S. 36-Slide Plastic Magazine. ½ lb.. 1.39

812 S. 40-Slide Metal Stacker Tray. ½ lb. 8.95

912 S. 100-Slide Round Magazine. 1 lb. 2.69

AIREQUIPT

$59.95
$5 monthly

$99.95
$5 monthly

Automatic 35mm Slide Projectors

Remote Control Model 135

Our best-selling slide projector. Designed to give you "most-wanted" features at lowest possible price. Remote controls for forward, reverse, focusing. 4″ three-element lens. Panel controls for elevation, Focus. 500-watt lamp. Efficient cooling system. Jamproof changer handles 2x2″ slides. With 100-slide magazine. Uses Airequipt metal or plastic trays, plus stacker. 115 VAC. Wt., 11 lbs.

10 C 4811 X. *$5 Monthly*...59.95

Electronic Focusing 350/EF

Just focus the first slide by remote control—all others focus automatically in just 1/40th second. Remote controlled forward and reverse slide changing. Has bright, long-lasting 500-watt "Luminac" lamp. Thumb control for elevation and leveling leg. Panel focusing control. 4″ f/3.5 lens. Enclosed exhaust system. Uses Airequipt metal or plastic trays, plus stacker. For 115 VAC. Wt., 14 lbs.

10 C 4751 U. *$5 Monthly*...99.95

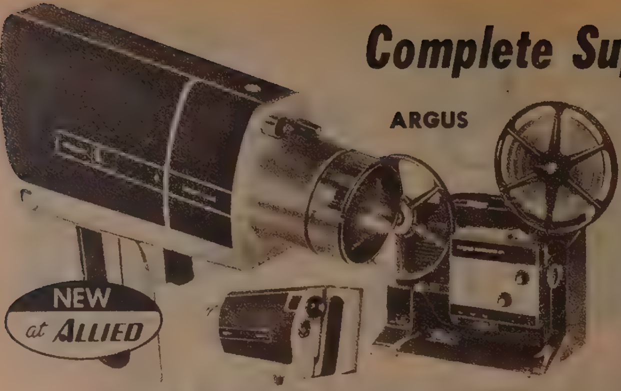
New Model 125 Low-Cost Semi-Automatic Projector

Same styling and features of Model 135 listed above except no remote control. Has panel focusing. Three-way on-off switch. Handles 2x2″ slides. With 100-slide magazine. Uses Airequipt metal or plastic trays, plus stacker. 115 V, 60 Hz AC. Shpg. wt., 10 lbs.

10 C 4750 X. *$5 Monthly*......................................49.95

Complete Super 8 Movie Outfit

ARGUS



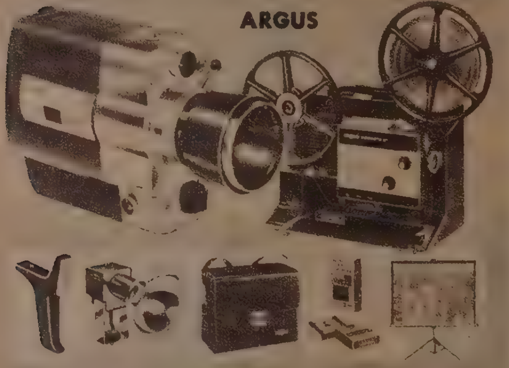
Deluxe Super 8 Zoom Movie Outf

Save $42.80 **$199.95** $10 monthly **Separately, $242.75**

New **Argus 815 Super 8 Camera** has automa thru-the-lens CdS eye, f/1.8 3:1 zoom l (focuses 3′ to infinity), electric film drive, "F Grip" folding handle, reflex viewing with da scope, action light. **Argus 871B Super 8 Projec** has automatic reel-to-reel threading, forwa reverse/still projection, room light outlet, 4 takeup reel. Also: holster-type camera ca movie light, 4 "AA" batteries. Kodachrome film cartridge, 30x40″ tripod screen. From Jap Shpg. wt., 30 lbs.

10 C 0118 L2U. *$10 Monthly* . . . . 199.
10 C 4788 S. Camera Alone. Includes film, 4 "A batteries. Wt., 5¼ lbs. 124
10 C 4790 X. Projector Alone. 20 lbs. 89
10 C 4990 S. Light Alone. Wt., 4 lbs. 6
10 C 4754 S. Holster Case, Strap. 3 lbs. 12
10 C 4436 U. Screen Alone. 7 lbs. 7

ARGUS



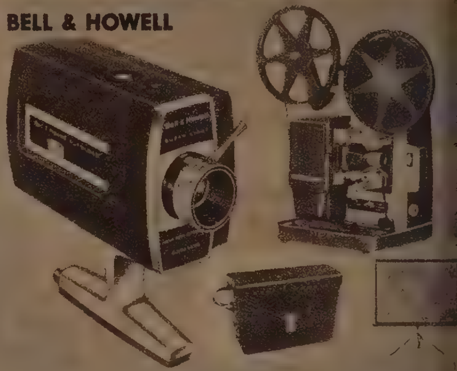
Value-Priced Super 8 Zoom Movie Outfit

Save $33.75 **$169.95** $9 monthly **Separately, $203.70**

Argus 811 Camera: Instant loading; f/1.8 10-30mm zoom lens; CdS electric eye; electric film drive; thru-lens reflex viewing. **Argus 871B Super 8 Projector:** Automatic threading; forward/reverse/still. Camera case; light; batteries; color film cartridge; 30x40″ screen; camera grip. Japan. 30 lbs.

10 C 0119 L2U. *$9 Monthly* 169.95
10 C 4871 S. Camera Alone. Batts. 5 lbs. 79.95
10 C 4754 S. Case for Camera. 2 lbs. 10.95
10 C 4273 S. Pistol Grip for Camera. 2 lbs. 7.95
10 C 4436 U. Tripod Screen Alone. 7 lbs. 7.95

BELL & HOWELL



Custom Super 8 Outfit at a Moderate Pric

Save $41.85 **$184.95** $10 monthly **Separately, $226.80**

Model 430G Camera: CdS electric eye, f/1.9 11-35m manual zoom lens, electric film drive, pistol grip. **Mo 346 Super 8 Projector:** f/1.6 lens automatic threadi forward/reverse/still projection, framer, tilt contr film cutter. Also: camera case, 30x40″ tripod scre Shpg. wt., 30 lbs.

10 C 0110 L2U. *$10 Monthly* . . . . 184.
10 C 4721 S. Camera/Grip Alone. Wt., 4 lbs. . . . . . 119.
10 C 4287 X. Projector Alone. 16 lbs. . . . . 84.
10 C 4983 U. Screen Alone. Wt., 9 lbs. . . . . 9.
10 C 4987 S. Case Alone. Wt., 2 lbs. . . . . 11.

NEW
at ALLIED

Features Motor Drive

$32.95 $5 monthly

Instaview 120 Editor

Deluxe dual 8mm editor has adjustable speed for editing and fast rewind, 12 sq. in. picture, slip-in loading. Focusing, framing, frame marker, lamp switch controls. 400′ capacity. Dual reel holders, splicer, tape. 117 VAC. Wt., 10 lbs.

10 C 4294 X. *$5 Monthly* 32.95
10 C 4296 X. Dual 8 Ediviewer. Above, except crank operated Shpg. wt., 9 lbs. 22.95

Super 8 Color Film

Kodachrome II color film in cartridge. For all movie cam listed on this and facing pa Shpg. wt., 6 oz.

10 C 4932 S. . . . . 2.

"AA" Alkaline Batterie

Boast long life, dependable p formance. Specially suited photographic applications. Ca eras listed use four. Wt., 3 oz.

18 C 5131 . . . . . . **Pkg. of 2 for**

Cameras on This Page Use Only Super 8 Fi

w Super 8 Movie Cameras, Complete Outfits

$99.95
$5 monthly

ur 3:1 Power Zoom

300. Features through-the-
wing and automatic electric-
osure for all films from ASA
Manual override. Profes-
ype fade-in and fade-out
Dynazoom f/1.8 10.5-32mm
wer zoom lens. Electric film
ith regular and slow-motion
End-of-film indicator in
der, automatic-reset film
counter. Remote control.
able eyepiece, lens shade, eye
att. tester. Built-in Type A
ess batteries. Japan.
17 S. 6 lbs. *$5 Mo*....99.95

$134.95
$7 monthly

Yashica 4:1 Power Zoom

Model 40E. New "Servomatic" control eliminates delicate meter movements, provides instant response to light changes. Behind-lens CdS cell samples light, servo motor adjusts diaphragm. Sharp f/1.8 9-36mm power zoom lens focuses 3.5′ to infinity. Spotlight and backlight compensation. Single frame, 12, 18, 24 FPS. Adjustable viewfinder, automatic resetting film footage counter. Remote control. Battery tester. "A" filter. Wrist strap, batteries. Japan.
10 C 4732 S. 4 lbs. *$7 Mo.*. 134.95

$154.95
$8 monthly

Yashica 6:1 Power Zoom

Model 60E. Our best. New "Servomatic" exposure control—lens adjusts instantly to variations in light. 6:1 ratio f/1.8 power zoom 8-48mm lens. Adjustable thru-lens viewfinder shows f/stop in use, warns of under-exposure. Three motors. Spotlight, backlight exposure compensation. Single frame, 12, 18, 24 FPS. Self-resetting film footage counter. Remote control. Battery tester. Built-in A filter. Wrist strap, batteries. Japan. Shpg. wt., 4 lbs.
10 C 4106 S. *$8 Monthly*... 154.95

Separately, $131.85
Save $11.90
$119.95
$6 monthly

owest Priced Super 8 Zoom Movie Outfit

has f/1.8 manual 2:1 Zoom lens, Cds electric eye
re, cartridge load, battery film drive, pistol grip.
or has f/1.4 lens, automatic threading, swingline
ontrol, self-contained case, 500-watt brilliance bulb.
ry Pkg. Camera case, 30x40″ tabletop screen, light
bulbs, 4 batteries, pkg. Super 8 film, picture taking
Japan. Shpg. wt., 25 lbs.
12 L2U. *$6 Monthly*......................119.95
38 S. Viceroy Camera Alone. 3½ lbs............54.95
39 X. Viceroy Projector Alone. Wt., 12 lbs......59.95
14 L2U. Accessory Package Alone. Wt., 8 lbs...16.95

Separately, $161.85
Save $11.90
$149.95
$8 monthly
Shows Super 8 and Standard 8mm

All Zoom Movie Outfit with Dual 8 Projector

Camera. f/1.8 manual 2:1 zoom lens, CdS electric eye exposure, cartridge loading, battery film drive, pistol grip. **Ansco 488Z Projector.** Shows Super and regular 8 mm. forward/reverse/still/rapid forward projection. **Accessory Package.** Case, 30x40″ tripod screen, movie light, splicer, 3 extra reels, storage cans, film cartridge, picture taking guide, batteries. Japan. Shpg. wt., 31 lbs.
10 C 0111 L2U. *$8 Monthly*......................149.95
10 C 4411 X. Ansco Dual 8 Projector Alone. 13 lbs.......79.95
10 C 0117 L2U. Accessory Pkg. Alone. 17 lbs.............26.95
10 C 4436 U. 30x40″ Tripod Screen Alone. 7½ lbs........9.95

ras on This Page Use Only Super 8 Film

Fine Quality 35mm Cameras at Low Allied Pric

YASHICA

Versatile TL 35mm SLR

$\$157^{95}$ $8 monthly
- Through-the-Lens CdS Exposure Control
- Lens Interchangeability

Popular-priced single-lens-reflex features the same cross-coupled thru-lens exposure control as Yashica's famous TL Super. Just match needle in viewfinder for perfect exposure. ASA range, 25-800. Full lens interchangeability with any standard screw-threaded lens. 50mm f/2 lens focuses 1¾′ to infinity. Focal plane shutter, ½-1/500 sec., bulb, self timer. "Hot" accessory shoe. FP-X flash sync. Multi-slot takeup spool for fast loading. Single-stroke film advance. Japan. Shpg. wt., 5 lbs.
10 C 4782 S. *$8 Monthly*.....157.95

MAMIYA/SEKOR

Low-Priced 528TL 35mm SLR

$\$94^{95}$ $5 monthly
- Our Lowest Priced SLR
- Automatic Exposure
- Thru-Lens Spot Meter

Our lowest priced single-lens-reflex camera has fully automatic exposure control with manual override. Through-the-lens CdS "Spot" meter provides exact readings with any filter on lens. Non-interchangeable 48mm f/2.8 lens. Instant return mirror. Speeds, 1/500-1/15 sec., bulb. Synchronization for M, F bulbs, electronic flash. Accepts 52mm accessories. Japan. 3 lbs.
10 C 4869 S. *$5 Monthly*.......94.95
10 C 4851 S. Auxiliary Telephoto Lens for Above. Wt., 1 lb.............29.95
10 C 4945 S. Auxiliary Wide-Angle Lens for Above. Wt., 1 lb.............29.95

YASHICA

5000E 35mm Camera

$\$79^{95}$ $5 monthly
- New Integrated Ci
  Exposure Contro
- 45mm f/1.8 lens

Deluxe rangefinder camera with
vanced integrated circuit exposure
trol. Just turn aperture ring
lights in viewfinder indicating ove
under exposure go out. System
no fragile meter movements, is vi
ally invulnerable to shock. 45mm f
lens focuses 2.6′ to infinity. Sp
1-1/1000 sec., bulb, self-timer.
sync. ASA 10-800. One-stroke
advance. Japan. Wt., 5 lbs.
10 C 4460 S. *$5 Monthly*.......79
Lynx-14E. Above, but with faster f
lens; speeds to 1/500 second. 5
10 C 4461 S. *$5 Monthly*.......9

MINOLTA

SR-T 101 Single Lens Reflex

$\$239^{95}$ $12 monthly
- CLS—Contrast Light Compensator
- Rokkor f/1.7 55mm Lens

Focusing, composing, shutter speed, and exposure data all visible in control-integrated viewfinder. CLS (Contrast Light Compensator) light averaging system indicates setting needed for ideal contrast and overall exposure. Reading is made thru-lens at maximum aperture. 55mm f/1.7 lens in bayonet mount. ASA 6-6400. Quick return mirror with lock up. Speeds, 1-1/1000 sec. plus B. Depth of field preview. Self timer. FP/X flash sync. From Japan. Wt., 5 lbs.
10 C 4775 S. *$12 Monthly*....239.95
10 C 4776 S. 35mm f/2.8 Wide-Angle Lens for SR-T 101. Case. 1 lb.....109.95
10 C 4786 S. 135mm Telephoto Lens for SR-T 101. Lenshood, Case. 1 lb. 129.95

MAMIYA/SEKOR

1000 DTL Single-Lens Reflex

$\$209^{50}$ $11 monthly
- Both Spot and Averaging Metering Systems
- Lens in Universal Mount

First SLR with both spot and averaging thru-lens metering. Switch selects system, pointer in viewfinder indicates one in use. Pressing film advance lever to camera body activates system, stops down lens for exposure reading. Area measured by each system outlined in viewfinder. ASA 25-3200. 55mm f/1.8 lens in universal thread mount. 1-1/1000 sec., plus B. Self timer. FP/X flash sync. Extra lenses listed on facing page. From Japan. Wt., 5 lbs.
10 C 4464 S. *$11 Monthly*....209.50
Mamiya/Sekor 500 DTL. Same dual metering system as above. 50mm f/2.0 lens. 1-1/500 sec., B. FP/X. From Japan. Shpg. wt., 5 lbs.
10 C 4472 S. *$9 Monthly*.......169.50

YASHICA

TL-Super Single-Lens-Refle

$\$189^{95}$ $10 monthly
- Mirror Lockup Featu
- Dual Thru-Lens CdS
  Light Sensors

Yashica's finest SLR. Dual CdS
sors read exposure through stopp
down lens. Easy-to-use match nee
exposure control is coupled to A
range from 25-800. 50mm f/1.7
in universal thread mount. Mic
screen focusing to 1¾ ft. Instant
turn mirror with lock-up for use
extrawide-angle lenses. Quiet fo
plane shutter has speeds from 1
1/1000 sec., plus B. Self-timer. FP
flash sync. "Hot" accessory sh
From Japan. Wt., 5 lbs.
10 C 4430 S. *$10 Monthly*....189.
Yashica TL-Super f/1.4. Same as abo
but with super-fast f/1.4 lens. Fr
Japan. Shpg. wt., 5 lbs.
10 C 4462 S. *$11 Monthly*......21

All Cameras Listed on this Page Come With Deluxe Carrying Ca

luxe Photo Accessories, Subminiature Camera

i-Beam **4 95** nthly

Vivitar 120 **$36 95** $5 monthly

Kako Elite II Electronic Flash. Kod. II guide 40. Recycles in 8-10 seconds. 40 flashes/charge. Voltage monitor. Duration, 1/2000 sec. With 4 NiCad recharg. batts., also for 110-120, 220-240 VAC. Univ. mount. PC cord.
10 C 4997 S. Japan. Shpg. wt., 3 lbs. *$5 Monthly*. . 42.95
18 C 5629. **AA 1.5 V Nicad Battery.** 3 oz. . . . . Each 1.93

New Compact Kako Hi-Beam Electronic Flash. Kod. II guide 40. Recycles in 8-10 seconds. 60 flashes/charge. Duration 1/3000 second. Operates from 2 built-in NiCad batts or 117 VAC. Japan. With batts.
10 C 4756 S. Wt., 1¼ lbs. *$5 Monthly*. 24.95

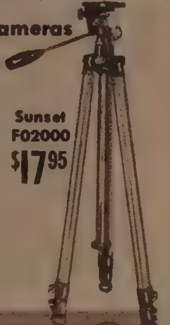
Vivitar 120 Electronic Flash. Kod. II guide 35. Recycles in 8-10 seconds. Duration 1/1000 sec. 50 flashes/charge. Built-in NiCad battery; also for 117 VAC. PC cord, hot shoe mount. W. Germany. 1¾ lbs.
10 C 4978 S. *$5 Monthly*. 36.95
10 C 4979 S. **Vivitar 130.** Above, but Kod. II guide 44, 65 flashes/charge. Wt., 1¾ lbs. 47.95

Kako Elite II **$42 95** $5 monthly

ds for Still And Movie Cameras

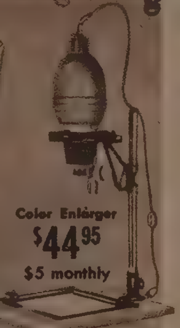
F02000. Boasts channel-type 3- aluminum legs with reversible and spike feet. Has vertical 1 360° pan head with indicator. ls to 52" with 14" lift column. opes down to 18". From Japan. wt., 4½ lbs.
375 X. 17.95

et 6000. Has 3-section telescop- s. 21¾" to 59" plus 14" lift . Chrome-plated, geared ele- column, bright finish on upper hpg. wt., 3 lbs.
376 X. 12.95



Sunset F02000 **$17 95**

50 thly



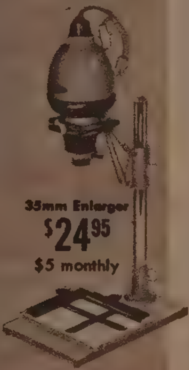
Color Enlarger **$44 95** $5 monthly

rgers and Darkroom Kit

Enlarging Outfit. All you need to professional-quality prints up to With condenser enlarger, 35mm rrier, lens, safe light, 3—8x10" 2 print tongs, roll film tank, meter, 2—film clips, 4-way nstructions. Less #211 enlarger elow. Japan.
57 U. Wt., 26 lbs. 87.50

Color Enlarger. Enlarges 2¼x egatives, color or B&W, up to . Filter drawer. Double con- . 75mm f/3.5 lens. Adjustable 2¼x2¼" carrier. Req. #211 21x16½x9½". 117 VAC-DC.
393 X. Japan. 21 lbs. 44.95

35mm Enlarger. Make blowups 0" on baseboard. Double con- . 50mm f/3.5 lens. 5x7" adjust- sel. Req. #211 bulb. 15¼x13½x VAC-DC. Japan. 11 lbs.
392 X. *$5 Monthly*. 24.95
522 S. **#211 Bulb.** 3 oz. 80



35mm Enlarger **$24 95** $5 monthly

Yashica "Atoron" Ultra-miniature Camera

You won't miss that "once-in-a-lifetime" shot with this ultra-miniature camera that goes where you go. Just align dial with meter needle and shoot. Camera selects lens opening (f/2.8-f/16) and speed (1/45-1/250). Has built-in Y2, UV filters. Size, 4x⅞x1⁹⁄₃₂". Weighs only 4 oz. Includes 80 B and 4x filters, flash, case. From Japan. Shpg. wt., 3 lbs.
10 C 4998 S. *$5 Monthly*. . 84.95

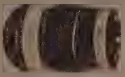
FILM. 36 exp./cartridge. 3 oz.
10 C 4999 S. **Kodachrome II Color Film**. 2-Roll Pkg./3.19
10 C 4802 S. **XT Pan. Black-and-White Film**. . . . 2-Roll Pkg./1.79

Pocket-Size Outfit

With Case, Flash, Filters **$84 95** $5 monthly

Vivitar and Accura Lenses for 35mm SLR's

Preset Lenses



A—Accura, V—Vivitar. Fit Yashica, Pentax, Mamiya/Sekor Type lens mounts only. Adapter, lens, dust cap included. Not for Nikon, Canon, Minolta. From Japan.

A 35mm f/2.8 Wide-Angle Lens. 63° coverage angle. Focuses from 3-ft. Stops down to f/16. Wt., 9 oz.
10 C 4994 S. *$5 Mo*. . . . 36.95

V 135mm f/2.8 Telephoto Lens. 18° coverage angle. Focuses from 6-ft. Stops down to f/22. Wt., 11 oz.
10 C 4760 S. *$5 Mo*. . . . 34.95

V 180mm f/3.5 Telephoto Lens. 12° coverage angle. Focuses from 12-ft. Stops down to f/32. Wt., 1 lb.
10 C 4761 S. *$5 Mo*. . . . 42.95

A 300mm f/5.5 Telephoto Lens. 6x magnification. Focuses from 25-ft. Tripod socket. 8° coverage. 2½ lbs.
10 C 4431 S. *$5 Mo*. . . . 44.95

A 70-230mm f/4.8 Zoom. Over 3-1 zoom ratio. Stops to f/22. Focuses to 8-ft. Tripod socket. Wt., 2½ lbs.
10 C 4487 S. *$6 Mo*. 119.95

Automatic Lenses

A—Accura, V—Vivitar. Stop down automatically with Yashica, Pentax, Mamiya/Sekor lens mounts. Lens dust cap included. Not for Nikon, Canon, etc. From Japan.

V 35mm f/2.8 Wide-Angle Lens. 62° coverage angle. Focuses from 3 ft. Stops down to f/16. 1 lb.
10 C 4763 S. *$5 Mo*. . . . 59.95

V 135mm f/2.8 Telephoto. 18° coverage angle. Focuses from 5-ft. Stops to f/32. Sun shade. 2 lbs.
10 C 4762 S. *$5 Mo*. . . . 69.95

A 200mm f/3.5 Telephoto. 12° coverage angle. Focuses from 12-ft. Stops down to f/22. 2½ lbs.
10 C 4486 S. *$5 Mo*. . . . 79.95

A 300mm f/5.5 Telephoto Lens. 8° coverage angle. Tripod socket in rotating collar. Stops to f/22. 2½ lbs.
10 C 4488 S. *$5 Mo*. . . . 79.95

A 70-230 f/4.8 Zoom. 3.3-1 zoom ratio. Stops to f/22. Focuses to 8-ft. Tripod socket. Wt., 3 lbs.
10 C 4490 S. *$8 Mo*. 149.95

e Photo Equipment You Want Now with Your Allied Credit Fund

$99.95
A
B
$59.95
C
$29

Precision 60mm Astronomical Telescopes and Outfits

[A] New! Our Best Telescope Outfit—450 Power

So powerful you can peer deep into space, track man-made satellites, even see Saturn's ring on a clear night. Achromatic, coated 60mm objective lens with three separate eyepieces—46X, 152X, and 227X, plus Barlow lens to double each power. Diagonal prism for right-angle viewing. Erecting prism for terrestrial viewing. Projecting screen and filter for observing sun. Moon filter, also. 6x30 finder scope with cross-hairs. Counter balanced 3-axis (polar and horizontal declination) equatorial/altazimuth mount. Slow-motion cable controls. Rack-and-pinion focus. 900mm focal length. Illuminated metal parts tray. Five-ft. wood extension tripod. Scope has gray metal body, chromed attachments. Length: open, 38½"; closed, 32½". Hardwood case, instructions. Japan.
10 C 4383 U. Shpg. wt., 31 lbs. *$5 Monthly*..........99.95

[B] 350-Power Astronomical Telescope Ou

Large 60mm objective lens, three eyepieces and
Barlow lens for 35X, 70X, 117X, 234X, 175X, 35
Sun filter, moon filter, projection screen, 5x24 fi
scope, star diagonal, erecting prism. 700mm focal l
5-ft. tripod; altazimuth mount. Illuminated parts t
Instructions. From Japan.
10 C 4196 U. Shpg. wt., 25 lbs. *$5 Monthly*..........59

[C] 90-Power Terrestrial Telescope

Five high-power magnifications for astronomical or
restrial use. Hard-coated 60mm objective lens, single
piece with 15X, 30X, 45X, 60X and 90X settings. 550
focal lgth. Precision crosshair finder. 5-ft. adjustable tr
with altazimuth mount. 27" barrel. Japan.
10 C 4214 X. Shpg. wt., 12 lbs. *$5 Monthly*..........29

Laboratory-Type Zoom Microscope Outfits

Deluxe 2-Microscope Outfit
With 50X and 100X Reflecting Viewer
$39.95

Top-value outfit includes 40X-1200X wide-angle microscope, *plus* 50X and 100X reflecting microscope viewer. Ideal combination for the serious student of microbiology. Precision wide-angle microscope features rotating turret with 5X, 12X, 40X and 60X objectives; 8X and 10X eyepieces. Plano-concave mirror with light that operates from battery or AC transformer. 3½x3" stage. Rack and pinion mechanism, micro-fine adjust. Reflecting microscope projects image on screen for easy study of microscopic detail, operates on two "C" batteries (not included). Outfit complete with electric illuminator, instruments, specimens. Gift box. Japan. 14 lbs.
10 C 4251 X. *$5 Monthly*..........39.95

D
Complete 77-Piece Microscope Outfit
$29.95

[D] Technician-type with zoom power from 50-1200X,
10X through 20X zoom ocular; 8X, 20X, 40X, and
achromatic objectives on rotating turret. Plano-conc
mirror with AC transformer for light power supply. Mi
fine adjust, safety stop. 77-piece outfit includes sli
specimens, instruments. Gift box. Japan. 12 lbs.
10 C 4319 X. *$5 Monthly*..........29

[E] 900X Zoom Microscope Outfit. 4-objective enclosed tu
with 5X, 10X, 40X, and 60X achromatics. Zo
ocular 10X through 15X. Battery-operated light; sa
stops. Wood case, slides, specimens, book. Japan.
10 C 4256 X. Shpg. wt., 8 lbs. *$5 Monthly*..........19

Binocular, Telescope Values

All Binoculars Equipped with Roll-Down Rubber Eyecups for Convenient Use with Eyeglasses

With Easy-Access Carrying Case

werful 20x50 Long-Range Binoculars

995

- Now with Roll-Down Rubber Eyecups
- Hard-Coated Achromatic Objectives
- Ideal for Satellite Tracking

st popular binoculars now include roll-down rubber to keep oculars from scratching eyeglasses or sun- Full 20-power magnification and giant 50mm objec- es give you the large, bright images necessary for lar long-distance views. Specially recommended atching—star gazing and tracking satellites. Also or birdwatching, long-distance game hunting. focus. Hard-coated achromatic objective lenses. 7′ field at 1000 yards. 6½″ high. With carrying om Japan. Shpg. wt., 6 lbs.

0 S. *$5 Monthly*..........................29.95

Deluxe 20x50 Long-Range Binoculars

$39⁹⁵

- Permanent Roll-Down Rubber Eyecups
- Tripod Mount • Coated Lenses Throughout
- Deluxe Easy-Access Carrying Case Incl.

Deluxe quality binoculars boast amber-coating on all glass-to-air surfaces, achromatic objective lenses, provision for mounting on any standard tripod. Ideal for astronomy, bird watching, hunting. Permanent fold-down soft rubber eyecups can't become lost or misplaced. Center focus, right eye adjustment. 173′ field at 1000 yards. Weigh only 36 ounces. Relative luminosity, 9.4. With deluxe easy-access case that protects binoculars when not in use, positions binocular for instant access when opened. 16-page instruction booklet. Japan. 6 lbs.

10 C 4257 S. *$5 Monthly*..........................39.95

With Roll-Down Rubber Eyecups
Marine
le
Regular

95 Wide-Angle 8x40mm Sports Binoculars

gle, with more power and light- g, yet compact and lightweight only 27 ounces. Ultra-violet lenses. 472′ field at 1000 yards pil 5mm. Luminosity, 25. Center olding rubber eyecups Tripod 4½″ high. Japan. 6 lbs.

16 S. *$5 Monthly*..........36.95

98 S. As above, but 7x35. 551′ 1000 yards. Weigh 25 ounces t., 6 lbs. Japan..........29.95

$24⁹⁵ General-Purpose 7x50 Binoculars

Our most versatile binoculars—best for general purpose viewing, ideal for night or marine use. Large 50mm objective lenses provide extra-bright images, even under poor light conditions. Detachable roll-down rubber eyecups. 373′ field at 1000 yards. 6½″ high. Case. Japan. Shpg. wt., 6 lbs.

10 C 4189 S. *$5 Monthly*..........24.95

10 C 4248 S. 7x35. As above, but 35mm objective lenses. Japan. 6 lbs....19.95

2.8X Sports Spectacles

$7⁹⁵ Wear Them Like Eye Glasses..Weigh Less than 3 oz.

Ideal for indoor or outdoor sporting events—leaves hands free! Puts you nearly 3 times closer to the action. Distortion-free precision coated optics focus to match each eye individually. Light and comfortable, can be worn for hours without fatigue. Complete with soft rubber light shields, deluxe carrying case. Japan.

10 C 4264 S. Wt., 10 oz..7.95

5

Power Telescope

adjustable to 15X, 20X, 0X Black barrel with draw tubes. Coated pens to 16″, closes to 7″. ens, 210mm focal length. field at 1000 yds. Case.

91 S. Japan. 3 lbs...9.95

15X-45X Zoom Telescope

Ideal for target spotting. Terrestrial viewing scope has 40mm objective, fingertip focusing control. Achromatic optics. 16″ long. With 9″ table tripod. Japan. Shpg. wt., 4 lbs.

10 C 4250 S..............14.95

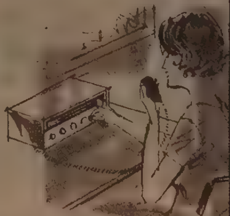
$14⁹⁵

Great Values in ALLIED® CB 2-Way Radios

CITIZENS BAND RADIO OFFERS SOMETHING FOR ALMOST EVERYONE

Any U.S. Citizen, 18 Yrs. of Age or Older, Can Use CB 2-Way Radio . .
License Application Enclosed with Each Unit—No Test Required

You can have two-way radio communications for business or personal use from your home to your car or boat, from your office to vehicles on the road, between vehicles, or between your office and warehouse . . . CB is useful anywhere . . . it's the fast, easy, and convenient way to keep in touch.



You Get Special Combination Prices

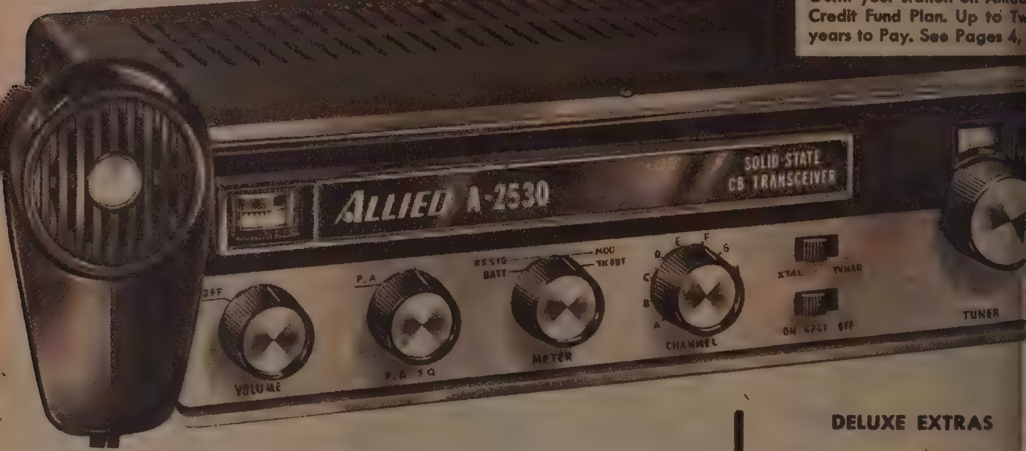
Write our Mail Order Citize
Band Sales Dept. for a mo
ey-saving quote on any C
outfit (two or more items).

Choose From Selected Top-Quality Gear

Choose from the best equip
ment . . . priced for top valu

Low Monthly Paymen —No Money Down

Outfit your station on Allied
Credit Fund Plan. Up to Tw
years to Pay. See Pages 4,



$109.95

A-2530 10-Channel Solid-State 2-Way Radio

- **Dual-Conversion Receiver Manually Tunes 23 Channels**
- **Built-in 117 VAC and 12 VDC Regulated Power Supplies**

This compact *Allied* solid-state 2-way radio gives you many deluxe extras not expected at this modest price. You get crystal-controlled transmit/receive on up to 10 channels, a deluxe dual-conversion receiver that can manually tune all 23 CB channels, plus separately fused and electronically regulated 117 VAC and 12 VDC power supplies. Ideal for mobile use—small size and low battery drain. Has excellent 1.0 μV sensitivity for 10 dB S/N ratio. Transmitter has full 5-watt DC input. Switchable 4-way meter reads car battery voltage, received signal strength, transmitter modulation level, RF carrier. Ten-position crystal selector, plus crystal/manual tune switch for receiver; manual tuning control; PA/squelch switch; on-off/volume control. For 50-ohm antenna. Screw terminals for PA/speaker connection; external speaker jack (plug supplied). Case, 2½x10x7". With push-to-talk dynamic mike, built-in speaker, mobile mounting bracket. AC and DC power cords, carrying handle/stand, crystals for Channel 11.

17 C 6825 U. From Japan. Shpg. wt., 8 lbs. *$6 Monthly* 109.95

Extra Crystals. *Specify Channel 1-23.* Shpg. wt., 3 oz.

17 C 9394 CS. Transmit	Each 2.50	3 to 9 . . . . Each 1.94	10-Up . . . . Each 1.75
17 C 9395 CS. Receive	Each 2.50	3 to 9 . . . . Each 1.94	10-Up . . . . Each 1.75

SPECIFICATIONS

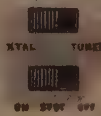
RECEIVER CIRCUIT: *Sensitivity:* 1.0 μV for 10 dB S/N ratio. *Selectivity:* 40 dB or more at ±10 kHz. *Bandwidth:* 5 kHz at 6 dB down. *Frequency Stability:* ±0.005% crystal-controlled (10 channels); ±0.015% continuous tuning (23 channels). *AGC:* 10 dB output variation at input of 30 μV to 10 mV. *Squelch:* adjustable to open, 1-100 μV. *Noise Limiter:* Gated series type. *Max. Undistorted Audio Output:* 2 watts or more. *Image and Spurious Rejection Ratio:* more than 40 dB. **TRANSMITTER CIRCUIT:** *Final Input Power:* 5 watts max. *RF Output Power:* 2.8 watts, minimum. *Frequency Stability:* ±0.005% crystal-controlled. *Modulation:* 95 (±5)%. *Spurious Ratio:* better than 50 dB. *Semiconductors:* 16 transistors, 7 diodes, thermistor. *Antenna Impedance:* 50 ohms.

DELUXE EXTRAS

RX SIG
BATT
MOD
TX OUT
METER

4-Way Mete
Function-
Selector Switc

Accurate Me
Reads Four D
ferent Mode



Crystal/Manu
Tune Switch

On-Spot-Off
Spotting Switc

Easy-to-R
Lighted D
Shows Ch

See Following Pages for More of Allied's Own 2-Way Ra

ve! *ALLIED* 10-Channel 2-Way Radio Outfits

ave $6.15

$116.75

$6 monthly

A-2530 and 3-in-1
Antenna that Replaces
Old AM Car Antenna

A-2530 2-Way Radio
plus 102″ Stainless
Steel Antenna, Coax,
and Bumper Mount

Save $6.15

$120.75

$7 monthly

A-2530 Mobile CB 2-Way Radio and Antenna Outfits

530 WITH CB/AM/FM MOBILE ANTENNA

ely, $122.90. Offers everything needed for outstand-
o-way mobile communications. Includes: **Allied**
10-Channel CB 2-Way Radio; 50″ Telescoping CB/AM/
enna with Coupler (reg. $12.95, page 192); **All Cables**
gs. Special antenna offers excellent reception of
M or FM radio. Installs without drilling or com-
l wiring, simply replaces your old radio antenna.
tate coupler uses series-resonant circuit to isolate
d FM from CB, requires no switching.
39 L2U. *$6 Monthly.* Shpg. wt., 10 lbs.....116.75

A-2530 WITH 102″ MOBILE ANTENNA

Separately, $126.90. Deluxe mobile station provides reliable 2-way communications on up to 10 CB channels. Includes: **Allied A-2530 10-Channel CB 2-Way Radio; Stainless Steel 102″ Antenna with 20-ft. RG-58/U Foam Coax Cable and PL-259 Plug attached** (reg. $16.95, page 192). Antenna is complete with everything needed for immediate installation—high-tension spring, stainless steel bumper mount, cadmium plated hardware, cycolac insulator, cork mtg. pad, steel back up plate, chrome-plated ball.
17 C 0140 L2U. *$7 Monthly.* Shpg. wt., 16 lbs.......120.75

Save $7.20

$133.20

$7 monthly

A-2530, Coax, KN-2572
Colinear Antenna

A-2530, Coax, KN-2574
5-Element Beam Antenna

Save
$7.20

$148.20

$8 monthly

A-2530 Base Station 2-Way Radio and Antenna Outfits

-2530 WITH COLINEAR BASE ANTENNA

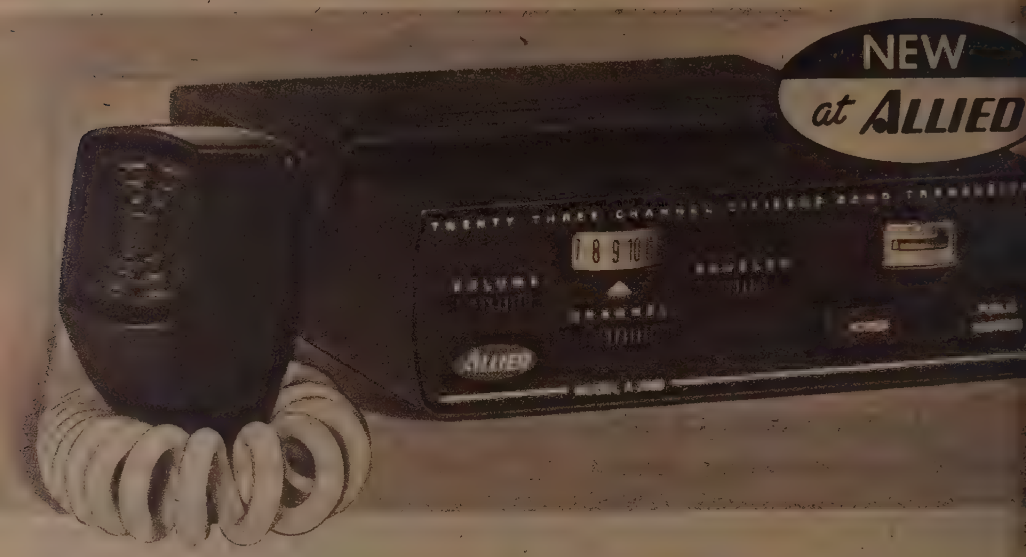
tely, $140.40. A great base station combination
g dependable fixed-location communications on up to
nnels. Includes: **Allied A-2530 10-Channel CB 2-Way**
Allied/Knight KN-2572 Colinear Antenna (reg. $24.95,
94); **50-ft. RG-58/U Foam-Dielectric Coax Cable** (reg.
page 192). Antenna mounts on 1¼ to 1⅝″ mast, has
aluminum radiator (⅝ wave), with three 9′ radials.
lirectional radiation pattern for uniform signal
th. Solid-state matching coupler for maximum sig-
nsfer, VSWR of 1.04:1 or less. Offers 4 dB increase in
shpg. wt , 18 lbs.
41 L3U. *$7 Monthly*.........................133.20

A-2530 WITH 5-ELEMENT BEAM ANTENNA

Separately, $155.40. Out finest base station package providing maximum-range communications on up to 10 channels. Includes: **Allied A-2530 10-Channel CB 2-Way Radio; Allied/Knight KN-2574 Beam Antenna** (reg. $39.95, page 194); **50-ft. RG-58/U Foam Coax Cable** (reg. $5.50, page 192); **All Plugs.** All-aluminum beam antenna provides unidirectional radiation for greatest range in desired direction and minimum interference. Each element is 18′ 8¾″, on 24-ft. boom. Features high forward gain (25 dB or better), gamma matching for low VSWR. For 1½″ dia. masts. Less mast. Shpg. wt., 34 lbs.
17 C 0142 L3ZW. *$8 Monthly*.........................148.20

'our CB Station Now With Allied's Credit Fund Plan

ALLIED A-2569 23-Channel CB 2-Way Radi



$149⁹⁵

$8 monthly

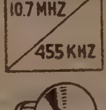
A-2569 Solid-State 23-Channel CB 5-Watt 2-Way Ra

- 0.2 µV Sensitivity for 10 dB S/N Ratio
- Zener-Diode Regulated Power Supply
- Illuminated S-Meter Shows Signal Strength
- Low-Distortion Push-Pull Audio Output
- Speech Compressor for Greater Range
- Solid-State Transmit/Receive Switching
- Pushbutton Control of Important Functions
- Uses Thirty-One Active Semiconductor De

NEW! Includes the Latest Advances in Solid-State Circuits, and Reflects the Best Features of 2-Way Radio Design

Integrated Circuit for Small Size and Exceptional Performance

Four Field-Effect Transistors for Low Noise and Top Sensitivity



Dual Conversion for Maximum Selectivity and Image Rejection

Built-in 3½-Watt PA System—Requires Only External Speaker

Self-Adjusting, Full-Time Noise Limiter for Quiet Operation

No Crystals to Buy—Uses a Highly Stable Frequency Synthesizer

Frequency Synthesized . . All Crystals Supplie

New Allied solid-state Citizens Band 2-way radio is outstanding in
way! Full legal-limit 5-watt input and a speech compressor provide maxi
talk-power and transmitting range. Sensitive dual-conversion superhe
ceiver superbly captures the hard-to-receive signals. Advanced d
stresses beauty as well as fine performance and durability. Its compac
assures easy installation in car or boat. Boasts 31 active semicond
devices: 15 silicon transistors, 4 Field-Effect Transistors, 1 integrated ci
10 silicon diodes, plus 1 Zener diode for power supply regulation.

The ultrasensitive receiver uses rugged and dependable solid-state d
for high reliability, low noise, freedom from large-signal overload, an
excellent 0.2 µV sensitivity, plus adjustable squelch, AGC, and ANL.
transmitter features 100% modulation capability, solid-state tran
receive switching, and a very stable frequency-synthesizer providing cry
controlled transmit and receive on all 23 Citizens Band channels. The P
Switch is independent of Volume and Squelch Controls—no need to
Volume and Squelch every time you turn unit on or off. Pushbutton co
of all important functions permits rapid front-panel switching.

Takes 50-ohm antenna. Has jacks for external and PA speakers. Size,
1⅝x6¼x7¼". With push-to-talk ceramic mike and mounting bracke
simplified installation in car or boat. Shpg. wt., 4 lbs.

17 C 6469 U. *$8 Monthly*.......................................14
17 C 6468 X. AC Power Supply. Shpg. wt., 4 lbs. *$5 Monthly*..........

A-2569 SPECIFICATIONS

RECEIVER CIRCUIT: *Sensitivity:* 0.2 µV for 10 dB S/N ratio. *Selectivi*
kHz at 6 dB down; dual conversion, 10.7 MHz and 455 kHz; tune
filter. *Adjacent Channel Rejection:* 80 dB down 20 kHz away. *Dyn*
Range: No overload at 1 volt rms input signal. *AGC Action:* Knee at
Squelch Sensitivity: 0.5 µV to 50 µV, adjustable. *Audio Output:* 3.5 w

TRANSMITTER CIRCUIT: *Final Input Power:* 5 watts. *RF Output Power:* 3
nominal. *Modulation Capability:* 100% with speech compressor.

GENERAL: *Power Consumption:* Receive, 13.8 VDC nominal, 450 mA s
by; Transmit, 13.8 VDC nominal, 1.3 amps at 100% modulation. *An*
Impedance: 50 ohms. *Semiconductor Complement:* 15 silicon transisto
Field-Effect Transistors, 1 integrated circuit, 10 silicon diodes, 1 zener d

Allied Is America's Headquarters for Citizens Band Equip

ve! ALLIED 23-Channel 2-Way Radio Outfits

Save $8.15
$\$157^{75}$
$8 monthly

A-2569 and Deluxe Base-Loaded
Mobile Antenna

Save $\$8.15$
$\$158^{75}$
$8 monthly

A2569 2-Way Radio plus 102" Car
Antenna and 20′ of RG58/U Coax

A-2569 Mobile CB 2-Way Radio and Antenna Outfits

-2569 WITH BASE-LOADED ANTENNA

ately, $165.90. Deluxe mobile station provides max-
-range 2-way communications. Includes: **Allied A-2569
annel CB 2-Way Radio; Allied/Knight Deluxe Base-Load-
ntenna with Trunk-Lid Mounting and Heavy-Duty Stainless
Spring** (reg. $15.95, page 192); **All Cables and Plugs.**
nna installs in ¾" hole or with trunk-lid mounting.
omnidirectional radiation pattern for uniform signal
gth. Prevents a handsome modern appearance; per-
as well as it looks; adds efficiency; makes the most of
mitter power. Shpg. wt., 6 lbs.
0143 L2U. *$8 Monthly* 157.75

A-2569 WITH 102" MOBILE ANTENNA

Separately, $166.90. Deluxe mobile station provides dependable 2-way communications on all 23 CB channels. Includes: **Allied A-2569 23-Channel CB 2-Way Radio; 102" Stainless-Steel Antenna with High-Impact Spring, Base and Ball, Bumper Mount, Gutter Clip, and 20 ft. of RG58/U Foam Coax Cable with PL-259 Plug attached** (reg. $16.95, page 192). Antenna is complete with everything needed for immediate installation. Has omnidirectional radiation pattern for uniform signal strength. Rustproof whip is of finest taper-ground stainless steel. Shpg. wt., 12 lbs.
17 C 0144 L2U. *$8 Monthly* 158.75

Save $8.15
$\$154^{75}$
$8 monthly

A-2569 and 3-in-1 Antenna
that Replaces AM Car Antenna

Save $\$9.47$
$\$179^{88}$
$9 monthly

A-2569, Base Antenna,
50′ of RG58/U Coax

2569 Mobile and Base-Station CB 2-Way Radio and Antenna Outfits

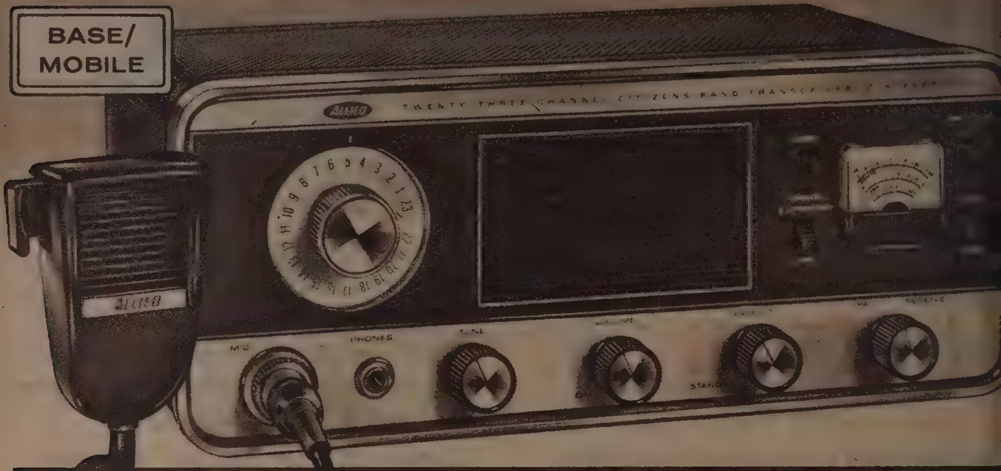
2569 WITH CB/AM/FM MOBILE ANTENNA

rately, $162.90. Offers everything needed for outstand-
23-channel mobile 2-way communications. Includes:
**d A-2569 23-Channel CB 2-Way Radio; 50" Telescoping
AM/FM Antenna with Coupler** (reg. $12.95, page 192); **All
les and Plugs.** Special antenna offers excellent reception
B, AM, and FM signals. Installs easily without drilling
omplicated wiring; simply replaces your old radio an-
na. Resonator is tunable for best CB reception. Solid-
coupler uses series-resonant circuit to isolate AM and
from CB. Requires no switching or special operating
edure. Shpg. wt., 6 lbs.
0145 L2U. *$8 Monthly* 154.75

A-2569 WITH BASE ANTENNA

Separately, $189.35. A fine base-station package providing maximum range 2-way CB communications on all 23 channels. Includes: **Allied A-2569 23-Channel CB 2-Way Radio; Allied/Knight Base Antenna** (reg. $13.95, page 194); **50-feet of RG58/U Foam Coax Cable** (reg. $5.50, page 192); **AC Power Supply** (reg. $19.95, page 182); **All Plugs.** KN-2570 antenna outperforms many CB antennas costing much more. Has exclusive cloverleaf top-hat for lowest noise level. Omnidirectional radiation pattern for uniform signal strength. Antenna is at DC ground for lightning protection. Shpg. wt., 16 lbs.
17 C 0146 L4U. *$9 Monthly* 179.88

ALLIED A-2567 23-Channel CB 2-Way Radio



Illuminated SWR/
Power/"S" Meter

Set-Calibrate
Meter Control

Meter Function
Selector Switch

Range Expander

Boosts Modulation for
More "Talk Power"

Front Panel Switch
Selects CB or PA Mode

A-2567 23-Channel CB 2-Way Radio Complete With All Crystals

- ✓ Solid-State AC and DC Power Supplies
- ✓ Frequency Synthesized—No Crystals to Buy
- ✓ Range-Expander for Extra "Talk-Power"
- ✓ Combined Modulation and Receive Monitor
- ✓ Dual-Conversion Superhet Receiver
- ✓ Boasts 10 Tubes, 13 Diodes, 2 Transistors
- ✓ Self-Regulating Automatic Noise Limiter
- ✓ Includes Noise-Canceling Microphone

$179.95

$9 monthly

Includes Built-In SWR Bridge, and Reflected Power Output—Read From Illuminated Meter

Allied's own deluxe 23-channel 2-way radio featuring built-in power supply for both 12 VDC mobile and 115 VAC base. A masterpiece in design and operation, with performance that surpasses many units priced much higher. Frequency-synthesis circuit gives you crystal-controlled transmit and receive on all 23 channels . . . no extra crystals to buy. Just turn the selector to any desired channel, and the illuminated numerals show the channel in use.

Full-power 5-watt transmitter offers 100% modulation. Switchable Range-Expander boosts "talk power" to increase transmitter range. Pi-network output matches any CB antenna. Special SWR bridge circuit lets you measure SWR for optimum antenna tuning. Illuminated 3-scale meter reads SWR, forward/reverse reflected power output, and serves as "S" meter. Dual-conversion superhet receiver has excellent selectivity and gain, with delta tuning circuit to pull in signals from stations operating up to 3 kHz off-frequency.

Serves as 2.5-watt public address amplifier with an external speaker. Modulation indicator doubles as monitor to prevent missed calls during PA use. Adjustable squelch; standby switch; built-in speaker; headphone jack; noise limiter. 7½x13⅜x5½". With all crystals, AC and DC power cords, noise-canceling push-to-talk mike with coiled cord, universal mobile mounting clips.

17 C 6435 U. Shpg. wt., 18¾ lbs. *$9 Monthly* **179.95**

A-2567 SPECIFICATIONS

RECEIVER CIRCUIT. *Sensitivity:* 0.5 microvolt or better for 10 dB signal-to-noise ratio. *Selectivity:* ±3 kHz for 6 dB. *Audio Output:* 2.5 watts. *Speaker:* inch. *IF:* Two stages, dual conversion. Provision for use as a public address amplifier, using an external speaker.

TRANSMITTER CIRCUIT. *Power Input:* watts. *Modulation:* 100% capability; Range-expander circuit. *Output:* Pi-network; matches any antenna type.

GENERAL. *Controls:* Channel Selector Switch with illuminated channel indicator; Delta Tune; On/Off Volume; Squelch; PA/Receive Switch; Range Expander Switch; Meter Function Switch; Set-Calibrate. *Tube Complement:* 1 Tubes, 13 Diodes. 2 Transistors. *Power Requirement:* 115 volts AC, 50-60 Hz or 12 volts DC for mobile use.

ıve on A-2567 23-Channel 2-Way Radio Outfits

Save $10.15
$182.75
$10 monthly

A-2567 and 3-in-1
Antenna that Replaces
Old AM Car Antenna

A-2567 2-Way Radio
plus 102″ Stainless
Steel Antenna; cable
and Bumper Mount

Save $10.15
$186.75
$10 monthly

ALLIED A-2567 Mobile 2-Way Radio and Antenna Outfits

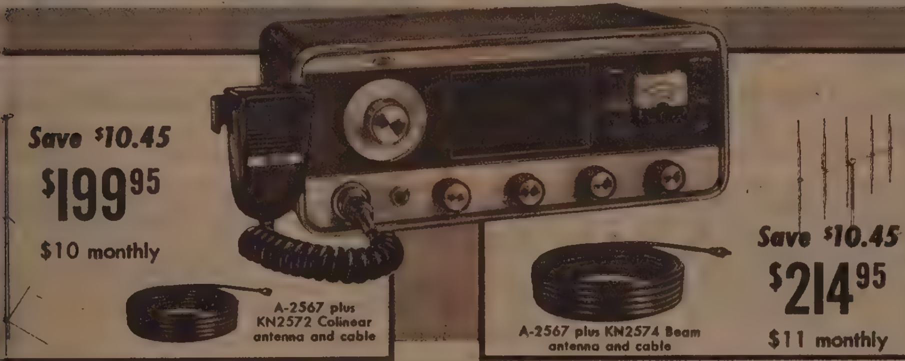
·2567 WITH CB/AM/FM MOBILE ANTENNA

rately, $192.90. Offers everything needed for outstand-
23-channel mobile communications. Includes: **Allied**
67 23-Channel CB 2-Way Radio; 50″ Telescoping CB/AM/
ntenna with Coupler (reg. $12.95, page 192); **All Cables**
Plugs. Special antenna offers excellent reception of
AM or FM radio. Installs without drilling or com-
ted wiring, simply replaces your old radio antenna.
-state coupler uses series-resonant circuit to isolate
and FM from CB, requires no switching. Shpg. wt.,
s.
0136 L2U. *$10 Monthly*.......................182.75

A-2567 WITH 102″ MOBILE ANTENNA

Separately, $196.90. Deluxe mobile station provides reliable two-way communications on all 23 CB channels. Includes: **Allied A-2567 23-Channel CB 2-Way Radio; Stainless Steel 102″ Antenna with 20-ft. RG-58/U Foam Coax Cable and PL-259 Plug** attached (reg. $16.95, page 192). Antenna is complete with everything needed for immediate installation—high-tension spring, stainless steel bumper mount, cadmium plated hardware, Cycolac® insulator, cork mtg. pad, steel back up plate, chrome-plated ball. Shpg. wt., 27 lbs.

17 C 0135 L2U. *$10 Monthly*.......................186.75



Save $10.45
$199.95
$10 monthly

A-2567 plus
KN2572 Colinear
antenna and cable

A-2567 plus KN2574 Beam
antenna and cable

Save $10.45
$214.95
$11 monthly

ALLIED A-2567 Base Station 2-Way Radio and Antenna Outfits

A-2567 WITH COLINEAR BASE ANTENNA

rately, $210.40. A great base station combination
ing dependable fixed-location communications on all
CB channels. Includes: **Allied A-2567 23-Channel CB**
ay Radio; Allied/Knight KN-2572 Colinear Antenna (reg.
95, page 194); **50-ft. RG-58/U Foam-Dielectric Coax**
e (reg. $5.50, page 192). Antenna mounts on 1¼ to
mast, has 19′ 10″ aluminum radiator (⅝ wave), with
e 9′ radials. Omnidirectional radiation pattern for
orm signal strength. Solid-state matching coupler for
mum signal transfer, VSWR of 1.04:1 or less. Offers
gain. Shpg. wt., 29 lbs.
0134 L3U. *$10 Monthly*.......................199.95

A-2567 WITH 5-ELEMENT BEAM ANTENNA

Separately, $225.40. Our finest base station package providing maximum-range CB communications on all 23 channels. Includes: **Allied A-2567 23-Channel CB 2-Way Radio; Allied/Knight KN-2574 5-Element Beam** (reg. $39.95, page 194); **50-ft. RG-58/U Foam Coax Cable** (reg. $5.50, page 192); **All Plugs.** All-aluminum beam antenna provides unidirectional radiation for greatest range in desired direction and minimum interference. Each element is 18′ 8¾″, on 24-ft. boom. Features high forward gain (12.3 dB or better), gamma matching for low VSWR. For 1½″ dia. masts. Less mast. (See p. 208 for Rotators.) 45 lbs.

17 C 0133 L3ZW. *$11 Monthly*.......................214.95

Values in Citizens Band 2-Way Mobile Radios

3 Channels $119⁹⁵

23 Channels $139⁹⁵

Solid-State 5-Watt 3-Channel 2-Way Radio

Midland 13-865. 23-channel synthesized 2-way radio with 3 operational channels. Dual-conversion superhet receiver has 0.5 µV sensitivity (10 dB S/N); FET RF stage for greater gain; variable squelch; ANL. RF output/S/battery meter. PA provision. 18 transistors, 5 diodes, 1 thermistor. 2½x6⅛x7⅛". Mike, Channel 9, 13, 17 crystals, mounting bracket, power cord. 12 VDC. Japan.

17 C 6465 U. Shpg. wt. 5 lbs. *$6 Monthly*........119.95

17 C 0029 L2U. Above, with crystals for 23 channels...139.95

17 C 7466 S. Crystals to convert 13-865 to 23 Channels..22.95

Crystals Supplied

$149⁰⁰

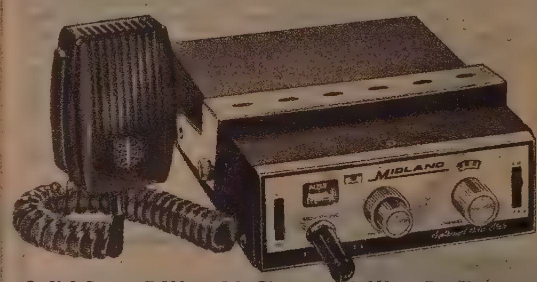
$8 monthly

- Crystal Controlled-on 23 Channels
- Panel Light Shows S6 or Better Signal

Solid-State 5-Watt 23-Channel 2-Way Radio

Courier "Traveller." For dependable communications on the-go. You'll like its compact style, its versatility, it fine design and quality. Full maximum 5-watt power input Crystal-controlled on all 23 channels—all crystals supplied Rugged components for lengthy and reliable duty life Panel light to indicate S6 or better signal; transmit an modulation indicator; external speaker jack. Only 1⅞ 5¾x6¼". With mounting bracket, mike, crystals, cable For 12 VDC. Shpg. wt., 6 lbs.

17 C 6528 U. *$8 Monthly*..............................149.0



Solid-State 5-Watt 23-Channel 2-Way Radio

$149⁹⁵ **$8 monthly**

- With Newest Integrated Circuits
- Crystal Controlled on 23 Channels

Midland 13-870. Great value! Crystal-controlled transmit/receive on all 23 channels; full maximum 5-watt input; dual-conversion superhet receiver with mechanical filter; illuminated selector switch; dual-purpose RF/S meter; advanced-design integrated circuit; variable squelch; built-in 3½" PM speaker; PA switch; external speaker jack. 20 transistors. 2⅛x6x8½". With all crystals, mobile mounting bracket, push-to-talk dynamic mike. For 12 VDC, negative ground. Shpg. wt., 4½ lbs. Japan.

17 C 9721 U. *$8 Monthly*..............................149.95

Solid-State 5-Watt 23-Channel 2-Way Radio

$169⁹⁵ **$9 monthly**

- Frequency Synthesized on 23 Channels
- Dual-Conversion for Top-Notch Sensitivity

Amphenol 777. Punches out messages with clarity. Has 23 crystal-controlled transmit and receive channels; 14 crystal synthesizer. Dual-conversion superhet receive with excellent 0.5 µV sensitivity. Transmitter has full 5-watt input; full 100% modulation capability. For 52-ohm antenna. 19 transistors, 10 diodes. Easy to install—remove simply by unscrewing two large knobs. Only 2x6½x10" Comes complete with push-to-talk mike, cables, all crystals For 12 VDC. Shpg. wt., 6 lbs.

17 C 6433 U. *$9 Monthly*..............................169.95

Solid-State 5-Watt 23-Channel Two-Way Radio

23-Channel Frequency-Synthesized Circuit

$169⁹⁵

$9 monthly

For Base or Mobile Operation

- Integrated Circuit in IF Stages for Efficiency
- Universal 117 VAC/12 VDC Power Supply
- Silicon Transistors • Dual Conversion

Midland 13-875. 23-channel crystal-controlled transmit and receive. Silicon transistor circuit. 5-watt transmitter. Dual conversion receiver, better than 1 µV sensitivity (10 dB S/N), mechanical filters, RF stage, ANL, variable squelch, 3x5" speaker. Frequency stability better than 0.005%. Combined Power-Output/S meter. Illuminated channel selector, meter. 50-ohm pi-net output. Push-to-talk dynamic mike. 5¼x12x9". 117 VAC/12 VDC.

17 C 6467 U. 7 lbs. *$9 Monthly*......169.95

Get Your 2-Way Radio Now with an Allied Credit Fund Account

l Model for Every Purpose and Every Purse

'9⁹⁵ $9 monthly

Solid-State 5-Watt 23-Channel 2-Way Radio

crafters CB-24. Sturdy solid-state model has dual-
'ersion receiver with squelch control, AGC, razor-sharp
:tivity. Sensitivity is 0.5 μV for 10 dB S/N. Transmitter
high-level Class B modulation and maximum power
it of 5 watts. Illuminated channel selector. Combina-
meter reads signal strength and relative RF output.
rision for public address and hailing. 21 transistors, 8
es, 4 thermistors. 2$\frac{3}{16}$x6x8". With mike, all crystals.
12 VDC. Japan. Shpg. wt., 6 lbs.
6940 U. *$9 Monthly*.......................179.95

Solid-State 5-Watt 23-Channel 2-Way Radio

$199⁹⁵
$10 monthly

- Frequency Synthesis—With All Crystals
- Silicon Transistor Solid-State Circuit

Pace 2300. Deluxe model has full 5-watt power input, 100% modulation capability, sensitive dual-conversion superhet receiver. Features include calibrated S-meter; public address and loud-hailer facilities; silicon transistor circuit; reliable diode protection system; illuminated channel selector; volume and squelch controls. Walnut grained metal case, 2$\frac{1}{2}$x6$\frac{3}{4}$x8$\frac{1}{2}$". Comes complete with all crystals, push-to-talk ceramic mike. For 12 VDC, negative ground. Shpg. wt., 4$\frac{1}{2}$ lbs.
17 C 9716 U. *$10 Monthly*.......................199.95

olid-State 5-Watt 23-Channel 2-Way Radio

$199⁹⁵
$10 monthly

- Speech Compressor for Greater Range
- Combination S/RF-Power-Output Meter

son Messenger 320. Dual-conversion receiver, 0.5 μV
itivity for 10 dB S/N, squelch and volume controls.
asmitter has full 5-watt input, built-in speech com-
sor, S/RF-Output meter. 23 transistors and 15 diodes.
all 23 channels—no extra crystals to buy. Built-in 3-
; PA system (requires external speaker). 2$\frac{1}{2}$x8x9".
h mounting bracket, ceramic mike. FCC type accepted
DOT approved. For 12 VDC neg. gnd.
. 6271 U. Shpg. wt., 7 lbs. *$10 Monthly*........199.95
: 6471 X. 117-VAC Power Supply. Shpg. wt., 5 lbs..32.95

Solid-State 5-Watt 23-Channel 2-Way Radio

$199⁹⁵
$10 monthly

- Exclusive Ignition Pulse Eliminator
- Four-Crystal Lattice Filter • AGC

Squires-Sanders "Commodore." Features frequency synthesized crystal control; super-sensitive dual-conversion superhet receiver; full maximum 5-watt power input; 100% modulation capability. Also fully adjustable squelch control; zener diode regulation; 3x5" speaker; AGC; speech booster; more. *Silicon* transistor circuit. Simplified front panel controls. Pi-network, 30-75 ohm output. 3$\frac{1}{2}$x8x7". With all crystals. Push-to-talk ceramic mike, mounting bracket. For 12 VDC, negative ground.
17 C 6572 U. Shpg. wt., 4 lbs. *$10 Monthly*........199.95

5-Watt 23-Channel Base/Mobile 2-Way Radio

- 117 VAC/12 VDC Power Supplies
- 0.25 μV Receiving Sensitivity
- Expander for Increased Range

rier 23. Sensitivity, 0.25 μV (6 dB S/N).
gle-knob bandspread tuning. Variable
elch; ANL; AVC. Expander increases
c-power for greater range. Standby, PA-
switches; headphone/external-speaker
x; S/RF meter; modulation indicator.
network matches 30-100 ohm antennas.
VAC/12 VDC supplies. 5x12$\frac{1}{2}$x7$\frac{3}{4}$".
ver cable, mobile mounting bracket,
ce. Shpg. wt., 16 lbs.
C 6526 U. *$10 Monthly*.........189.00

Built-in Mobile/ Base Power Supplies

$189⁰⁰
$10 monthly

Unique Modulation Sampler Circuit

Deluxe 23-Channel CB Mobile 2-Way Radios

Solid-State Poly-Comm Beaver PC-23C

$199.95
$10 monthly

- 0.15 µV Receiver Sensitivity for 6 dB S/N
- Ceramic Filters in IF Stage for Sharp Selectivity
- ANL and Adjustable Squelch for Quiet Reception

Years of dependable service and fine performance go with this quality-constructed Citizens Band 2-way radio. Crystal-controlled on all twenty-three channels. Advanced solid-state circuit has 21 silicon transistors and six diodes. Teflon wiring and fiberglass PC boards for outstanding reliability. Full 5-watt power input assures maximum range. Sensitive dual-conversion superhet receiver pulls in the weak signals. Big 3-watt audio output. Signal-strength meter; modulation indicator; ceramic IF filters. Only 1⅞x6x7¼". With push-to-talk mike. Woodgrain front panel. For 12 VDC, negative ground. Shpg. wt., 6 lbs.
17 C 6459 U. *$10 Monthly*........................199.95

Solid-State Kaar Skyhawk II TR-337

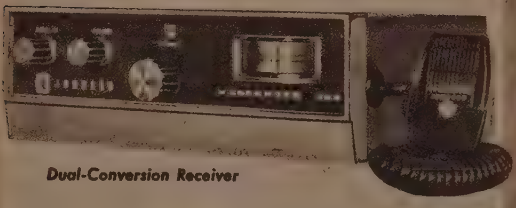
NEW at ALLIED

$229.95 $12 monthly

- Eight Hi-Q LC Circuits for Top Selectivity
- 0.4 µV Receiving Sensitivity for 10 dB S/N
- Positive-Action AGC, ANL, Adjustable Squelch

Designed for maximum intelligibility, efficiency. Pr
vides dependable communications for your message
Crystal-controlled on all 23-channels. Signal leve
dynamic modulation illuminated meter. PA featur
external speaker jack, enclosed plug-in transmitter an
receiver relay, filtered power leads. Solid-state circu
has Glass Epoxy PC boards, 17 silicon and 8 germaniu
transistors, 10 diodes, zener-diode voltage stabilize
Full 5-watt power input. Sensitive superhet receive
2⅝x6½x9¼". Wood grained front panel. Ceramic mik
mobile bracket. 12 VDC neg. gnd.
17 C 6462 U. Shpg. wt., 11 lbs. *$12 Monthly*...229.9
17 C 6464 X. P336-117 AC Supply. 5 lbs............34.

Solid-State Johnson Messenger 323



Dual-Conversion Receiver

$229.95
$12 monthly

- 23-Channel Frequency Synthesizer
- Crystal Filter for Sharp Selectivity
- Speech Compressor for Greater Range

Frequency synthesizer gives you fingertip selection of 23 crystal-controlled channels. Dual-conversion receiver boasts a crystal filter that virtually eliminates adjacent-channel interference, plus automatic noise limiter and adjustable squelch. Full 5-watt transmitter has speech compressor for greater talk power and range. Temperature compensation. Illuminated dual-scale S-Meter/Power-Output meter. Built-in PA system requiring only an external speaker. 23 transistors and 15 diodes. 2½x8x9½". With ceramic push-to-talk mike and all crystals. 12 VDC, pos. or neg. gnd. FCC Type Accepted and DOT Approved. Shpg. wt., 9 lbs.
17 C 6890 U. *$12 Monthly*........................229.95
17 C 6471 X. 117 VAC Supply. 5 lbs. *$5 Monthly*....32.95

Solid-State Sonar J-23

$239.95
$12 monthly

- 0.7 µV Sensitivity for 10 dB S/N
- Triple Amplified AGC • ANL • Squel
- Built-in Public-Address System

Husky, compact 23-channel unit designed for ea
installation in any vehicle. Voltage-regulated, du
conversion receiver has isolated series-gate limiter f
positive noise elimination, triple-amplified AGC, a
noise-immune adjustable squelch. Sensitivity is 0.7 µ
for 10 dB S+N/N at 100% modulation. 21 silic
transistors, 6 diodes. Final output transistor has
watt rated collector dissipation, high-level Class
modulation. Also: built-in 2x6" oval speaker; rever
polarity protection; external speaker, public addre
mode delivers 2.5 watts audio output. With mike,
crystals, mounting bracket, fused power cable. 12 VD
neg. gnd. 2⅝x6¾x8⅜". 4½ lbs.
17 C 6505 U. *$12 Monthly*......................239.9

-Channel CB Base and Universal 2-Way Radios

Pace 2-Way Radio for Base Use

330^00
6 monthly

- Built-In Standing Wave Ratio Meter
- 0.3 µV Sensitivity for 10 dB S +N/N
- Provision for 12 VDC Operation

annel 2-way radio boasts all-silicon transistors, ive double conversion superhet receiver, full 5- input. Built-in VSWR bridge and meter/RF neter, "S" meter. Squelch control. Speaker switch, hone jack. Continuously variable RF gain control. lation limiter/compression amplifier. With varia- tput control desk mike. Zener regulated 117 VAC y; provision for 12 VDC operation. Wood-grained et, 6x22x10". Shpg. wt., 18 lbs.
6442 U. *$16 Monthly*....................330.00

gency "Imperial" Sideband/AM Model

nced design 23-channel crystal-controlled universal y radio receives upper or lower sidebands as as standard AM; transmits double sideband with ressed carrier and balanced modulation for side- reception, or AM. Compatible with any other CB y radio. Double-conversion superhet receiver has V sensitivity (6 dB S+N/N) on AM, 0.15 µV (10 /N) on SSB. Pi-L (30-75 ohm) network. S-meter reads plate voltage and current. 5¼x11½x9¾". mike, all crystals. 117 VAC/12 VDC.
6840 U. Shpg. wt., 23 lbs. *$15 Monthly*...299.00

Sonar FS-23 with Nuvistor RF

99^95

- 0.4 µV Sensitivity for 10 dB S+N/N
- Universal 120-VAC/12-VDC Power Supply

highly stable circuit with better than 0.003% iency accuracy. Full 5-watt transmitter modulates %. Sensitive superhet receiver with AGC, ANL, stable squelch, 2½-watt audio output. Frequency- hesized 23-channel transmit and receive. Illumi- d "S" meter. Matches 35-70 ohm antennas. 13 s, 7 diodes, 2 transistors, diode. With plug-in ile microphone and AC/DC power cords. 5¾x11¾x ". 120 VAC/12 VDC. Shpg. wt., 15 lbs.
6474 U. *$15 Monthly*....................299.95

Johnson Messenger 223 and Turner Mike

$214^95
$11 monthly

- 23-Channel Frequency Synthesizer
- Excellent 0.005% Frequency Stability
- Speech Compressor for Greater Range

Designed by same engineering team that developed the famous "Messenger" I and II. Utilizes crystal frequency synthesizer for 23-channel operation. Full 5-watt transmitter. Superhet receiver with .05 µV sensitivity (11 dB S/N) and 3-watt audio output. Illuminated S-meter and relative RF output meter, with adjustment control. Illuminated "full view" channel selector. On/off indicator light. 6 transistors, 8 diodes, 10 tubes. 5⁹⁄₁₆x11x9¹⁄₁₆". For 110 VAC.
17 C 6473 U. Shpg. wt., 13 lbs. *$11 Monthly*...214.95

- Fully Compatible with Other CB Radios
- Universal 115 VAC/12VDC Power Supply

$299^00

Professional Features

Solid-State Squires-Sanders "Admiral"

$329^95

- Silicon-Transistor Solid-State Circuit
- Built-in Accurate Digital Clock

Professional 2-way radio with exclusive Pulse Noise Eliminator, plus frequency-synthesized 23-channel crystal-controlled transmit and receive. Has 0.5 µV sensitivity (10 dB S/N); crystal lattice filter; squelch; ANL; AGC; speech booster; S-meter; 30-75 ohm pi-network. 29 silicon transistors, 6 diodes, 2 zener diodes. Vinyl covered cabinet, teakwood panel. 5½x13¾x10¾". With all crystals, push-to-talk ceramic mike with built-in preamp, mike stand. For 105-125 VAC.
17 C 6272 U. Shpg. wt., 11 lbs. *$16 Monthly*...329.95

Selected CB 2-Way Radio Values

NEW
Fine-Quality Speaker/Mike
Simplified Operating Controls

Amphenol 750 CB Solid-State 5-Watt 6-Channel Mobile 2-Way Radio

$79.95
$5 monthly

- Crystal Controlled
- Weighs Only 3 lbs.
- Easy to Install

Offers versatility and fine performance. Has legal-limit 5-watt transmitter and superhet receiver with 0.5 μV (for 10dB S/N) sensitivity. Up to 6 crystal-controlled transmit and receive channels. 100% modulation capability. Illuminated, magnified channel selector. Transmit light. 13 transistors, 4 diodes. Takes 50-ohm antenna. 2x4¾x5½". Speaker/mike, mtg. bracket. Channel 9 crystals. 12 VDC neg. gnd. Wt., 3 lbs.
17 C 6432 X. *$5 Monthly*. 79.95

B&K "Cobra V" CB Solid-State 5-Watt 5-Channel Mobile 2-Way Radio

$99.95
$5 monthly

- 0.5 μV Sensitivity
- Speech Compressor
- Adjustable Squelch

A compact mobile transceiver with a lot of power and punch. Full 5-watt input with 100% modulation on 5 switch-selected crystal-controlled channels. Dyna-Boost speech compression for better intelligibility, maximum range. Receiver features ANL, adjustable squelch, 0.5 μV sensitivity for 10 dB S/N ratio. Twin-pi output. With ceramic mike, Channel 11 crystals, mtg. bracket. 2x6¾x9¾". For 12 VDC neg. gnd. 6 lbs.
17 C 6920 X. *$5 Monthly*. 99.95

Noise Limiter Reduces Ignition Noise

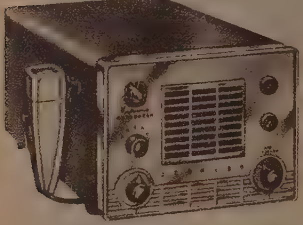
Johnson Messenger 110 CB Solid-Stat 5-Watt 5-Channel Mobile 2-Way Radi

$99.95
$5 monthly

- Speech Compressor
- ANL and Squelch
- FCC-type Accepted

You'll like the compact style of thi solid-state up-to-5-channel 2-way ra dio. Boasts famous Johnson dependa bility at low cost. Sensitive superhe receiver has built-in automatic nois limiter and adjustable squelch. Trans mitter has full legal-limit 5-watt powe input. Speech compressor increase talk power and extends transmittin range. 2½x6³⁄₁₆x8¾". Push-to-tal mike, Channel 9 crystals. 12 VDC neg ative ground. Shpg. wt., 8 lbs.
17 C 6490 X. *$5 Monthly*. 99.9

JOHNSON "MESSENGER" SERIES



Messenger I CB 5-Watt 5-Channel Base/Mobile 2-Way Radio

$114.95
$6 monthly

- 112 VAC and 12 VDC
- ANL and Squelch
- Two Function Lights

Operates at full legal 5-watt input. Full 100% modulation. 10 tubes. Easy switch selection of up to 5 crystal-controlled transmit/receive channels; two function indication lights. Chrome trimmed case, 5⅝x7x11⅜". Push-to-talk mike, AC and DC power cords, crystals for Channel 9. 115 VAC or 12 VDC neg. gnd. 17 lbs.
17 C 9414 U. *$6 Monthly*. 114.95
17 C 9416. Mobile Mt. 1¼ lbs. . . .2.50

Messenger 100 CB Solid-State 5-Watt 6-Channel Mobile 2-Way Radio

$129.95
$7 monthly

- ANL and Squelch
- Built-In PA System
- Superhet Receiver

High-performance solid-state 2-way radio has provision for up to 6 crystal-controlled transmit/receive channels. Sensitive superhet circuit pulls in weak signals. ANL and adjustable squelch. Five-watt input. Circuit breaker. Compact design. 2½x6³⁄₁₆x8¾". With push-to-talk mike, crystals for Channel 9, mounting bracket. For 12 VDC, negative ground.
17 B 6950 U. 9 lbs. *$7 Monthly*. 129.95

Top Power for Citizens Band

Messenger III CB Solid-State 5-Watt 12-Channel Mobile 2-Way Radi

$159.95
$8 monthly

- Adjustable Squelch
- Full 100% Modulatio
- Built-in PA System

Deluxe CB unit offers up to 12 crystal-controlled transmit and receive chan nels. Legal-limit 5-watt input, 100% modulated transmitter. Sensitive dual-conversion superhet receiver, adjustable squelch. Takes 50-ohm antenna 2³⁄₁₆x6³⁄₁₆x8¾". Push-to-talk mike mounting bracket, Channel 9 crystals 12 VDC, positive or negative groun Shpg. wt., 15½ lbs.
17 C 6500 U. *$8 Monthly*. 159.9

NEW at ALLIED

$159.95
$8 monthly

Kaar Skylark TR-336 CB Solid-State 5-Watt 11-Channel Mobile 2-Way Radio

11-channel CB unit with 5-watt input, 100% mod ulation, and dual-conversion superhet receiver wit 0.4 μV sensitivity (for 10 dB S/N). Designed t handle vital communications reliably. Has AGC ANL, adjustable squelch. Solid-state circuit with 2 transistors, 10 diodes, zener diode voltage stabilizer 2⅝x6½x9¼". Ceramic mike, Channel 9 crystals 12 VDC negative ground.
17 C 6463 U. Shpg. wt., 11 lbs. *$8 Monthly*. 159.9
17 C 6464 X. AC Power Supply. Wt., 5 lbs. 34.9

Extra Crystals Are Listed on Page 196 of This Catalog

CB Station Accessories

95 **Matchbox Reduces SWR**

$14.95 **Meter Checks SWR**

$49.50 $5 monthly

Johnson Antenna Matchbox

ides a nearly perfect match between transmitter antenna system. Just place it in the antenna smission line and leave it there. Corrects SWR to 5:1, reducing it to 1.1:1 or better. For up to atts. Covers 26.5-30 MHz. 4x3¼x2⅜"
6802. Shpg. wt., 3 lbs....................15.95

Johnson Antenna Meter

cks impedance match to antenna. Reads SWR 0:1. Handles 500 W modulated. 4½x2¾x2¹⁄₁₆".
8954. Shpg. wt., 3 lbs....................14.95

Demco VM-12-20 Power Modulator

Increases the talk-power of any transmitter, CB or Ham. Rated to 1 kilowatt. With 110-120 VAC cable. Shpg. wt., 12 lbs. *$5 Monthly.*
17 C 8347 X.......49.50

17 C 6406. DC Cable. Shpg. wt., 1 lb.....3.00

$11.95

$4.95

$8.95

$22.95

meco PV-27 Nuvistor Preamplifier. mproves gain and noise figure n used ahead of converter stage. a gain; 2 dB noise at 27 MHz. Rees 100-150 VDC at 8 mA and 6.3 135 mA. 1½x2x3". Wt., 1 lb.
6421....................11.95

meco LN-2 TVI Filter. Reduces TV/ M interference. Suppresses radia- of spurious signals above 40 z. Negligible insertion loss. 200 ts. 10-160 m. 52-75 ohm lines. 239 connectors, bracket. 1 lb.
8454....................4.95

C **Line Matcher.** Provides low SWR and excellent power transfer to antenna. Features 100-watt power capacity, broadband tuning, screwdriver adjustments. Has 2—SO-239 connectors. 3¾x1⅝x2". Shpg. wt., 4 oz.
17 C 8375....................8.95

D **Johnson In-Converter.** Converts 6 VDC to 12 VDC (1.1A), 12 VDC to 24 VDC (0.6A), etc. Changes negative ground to positive, positive ground to negative. Solid-state. 6x2½x3¾". 3 lbs. *$5 Monthly.*
17 C 6803....................22.95

$15.50

$3.95

$3.45

$2.50

$3.95

$1.59

$8.95

ohnson Noise Suppressor Kit. Eliminate ignition and other electrical rference originating in the vehicle this complete electrical noise pression kit. Includes all capacitors, stors, wire. Wt., 2 lbs.
C 6010....................15.50

Alternator Noise Filter. Nontunable ilter designed to eliminate receiver es caused by car alternator sys- s. Not critical as to frequency or age—operates on any voltage up 2 volts. Shpg. wt., 2 oz.
C 8410....................3.95

Generator Noise Filter. Eliminates radio interference caused by annoy- whine and grinding noises created generator brushes. Tunable from 3 0 MHz. Supplied with mounting cket. Shpg. wt., 5 oz.
C 8512....................3.45

H **Cesco "Phantom" Dummy Load.** Tune your transmitter without causing interference. Replaces antenna. FCC regulations prohibit tuning or other adjustments with antenna connected. 52 ohms. With standard UHF connector. Power rating ample for any CB transceiver. Shpg. wt., 6 oz.
17 C 8505....................2.50

J **"Blitz-Bug" Lightning Arrester.** Type 83 connectors, 1 male, 1 female.
17 C 8044. Wt., 4 oz.............3.95

K **PL-259 Coaxial Connectors.** Meet military specifications. New, not replated. Shpg. wt., 8 oz.
17 C 6643.............Pkg. of 4 for 1.59

L **Coaxial Switch.** Two-pole, 5-position. 1 kW. For 80-10 meters, including 11-meter CB. Shpg. wt., 3 lbs.
17 C 6444....................8.95

Eico CB Tester, Kit or Wired

Kit $39.95 Assembled $59.95

Handy test set for complete checking of CB and Ham equipment. Does many jobs around the station. Measures RF power (to 50 watts), modulation percentage, more. 50-ohm dummy load. 4⅞x 8⅛x2". Wt., 5 lbs. *$5 Monthly.*
17 C 8560 X. Kit..............39.95
17 C 8555 X. Assembled.......59.95

CB-52-T In-Line "Transicheck"

$19.95 $5 monthly

- No Line Loss
- For 52-Ohm Lines
- Calibrated, Balanced

Relative Power Output/SWR Meter for 52-ohm lines. Accurately balanced and calibrated in SWR. No line loss or detuning when inserted in feed line. Sensitive microammeter. 5½x2¼x2¼". 2¼ lbs.
17 C 8160. *$5 Monthly*........19.95

SWR and Field-Strength Meters

$9.95

$5.95

M **SWR/FS Meter.** Reads forward and reflected power, SWR 1:1 to 1:3, field strength. 1 kW. 2-30 MHz. 6x2¼x2¾". From Japan.
17 C 6588. Shpg. wt., 10 oz....9.95

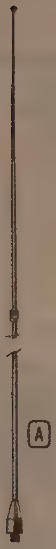
N **Field-Strength Meter.** Checks antenna field around station. Covers 1-250 MHz. Magnetic base. 12¾" whip. 3¼x3½x1½". Japan.
17 C 6589. Shpg. wt., 10 oz....5.95

Astatic UG8-D104 Microphone and Desk Base. Shockproof Hi-Z crystal. DPDT relay switch. Push, grip-to-talk, lock positions. Chrome. 5½" dia. base, 12⅝" high. −46 dB. 6-ft. 4-cond. (1-pr. shielded) cable.
17 C 8566. 4 lbs.....33.70
17 C 8567. D104. Above, less base. 2 lbs......18.50

Astatic JT-30 Microphone. High-impedance crystal. −49 dB. 30-10,000 Hz. Gray finish, chrome trim. With handle and interlocking base. Threaded ⅝"-27. 8′ 1-cond. cable.
17 C 8568. 3 lbs......10.95

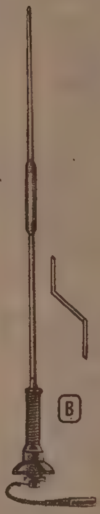
ALLIED-KNIGHT Citizens Band Mobile Antennas

HIGH-EFFICIENCY ANTENNAS FOR IMPROVED OPERATING PERFORMANCE



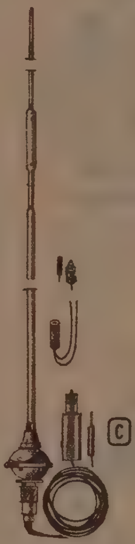
Two-Section 102″ Whip

$4.95



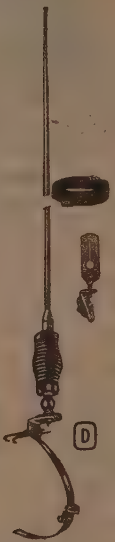
30″ for Roof or Trunk

$10.95



CB/AM/FM Antenna

$12.95



Deluxe Whip Package

$16.95

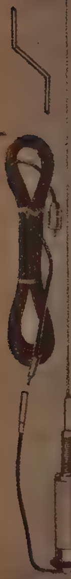
Value-Priced Quality Antennas

A **102″ Stainless Steel Whip.** Fine taper-groun stainless steel. ⅜-24 stud for mounting. Tw sections. Shpg. wt., 2 lbs.
17 C 6610 X..........................4.9

B **30″ Antenna for Car-Top or Trunk.** Chrom plated brass, center-loaded antenna for fin performance and convenient compact size. Resonator is tunable for perfect match and is weather sealed. Stainless steel spring prevents antenn damage. Bracket is included for trunk-groov mounting without visible holes. Complete wit 18-ft. RG-58/U cable and two mountin wrenches. Shpg. wt., 1½ lbs.
17 C 6756 X..........................10.9

C **CB/AM/FM Antenna** Chrome-plated brass an tenna for CB transmit-receive and AM an FM broadcast reception. Resonator tunable fo best CB reception. Matching coupler uses series-resonant circuit to isolate CB from AM FM. No switching required. Auto radio tune in original manner. 50″ telescoping antenna wit 8-ball base for 1-hole mount. With coupler, 60 leads with all connectors. Shpg. wt., 2 lbs.
17 C 6757 X..........................12.9

D **102″ Antenna Package.** Outstanding quality a a low price. Whip and mount are stainles steel, ball and spring are triple chromed. Package consists of: 102″ whip; high-impact sprin base and ball; bumper mount; gutter clip; 20-ft RG-58/U coaxial cable with PL-259 plug. Rustproof whip is of finest taper-ground stainles steel. Rugged base, ball and spring are built t "take it." Shpg. wt., 8 lbs.
17 C 6705 X..........................16.9



ALLIED-KNIGHT Deluxe Base-Loaded Mobile Antenna

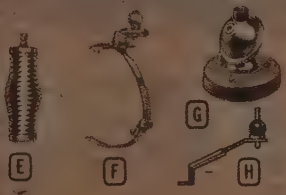
$15.95

- Easy to Install
- Preconnected Leads
- No Soldering Required

Presents a handsome modern appearance, and performs as well as it looks. Adds efficiency to your station, and makes the most of the available power. Durably constructed—will withstand hard service and any kind of weather. Features heavy-duty stainless steel spring and rod of finest quality. Mounts in ¾″ hole or with trunk-lid mounting (included). 17-ft. coax with PL-259 connector. Shpg. wt., 2 lbs.
17 C 6706 X........15.95

Economy Model. Above, without spring. Shpg. wt., 1¾ lbs.
17 C 6704 X........12.95

Selected Mobile Antenna Accessories and Cable



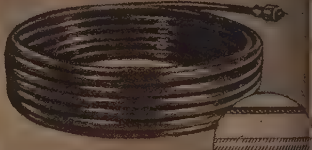
E **Heavy-Duty Stainless Steel Spring.** Offers superior strength and durability. ⅜″-24 threads. Shpg. wt., 2 lbs.
17 C 6609................7.25

F **Bumper Mount.** Solid, permanent antenna mounting. Stainless steel strap, chrome ball. Won't rust or break. 3 lbs.
17 C 6606................6.95

G **Body Mount.** Stainless steel ball adjustable 180°; steel backup plate. Easy to adjust, but won't loosen under vibration. Shpg. wt., 3 lbs.
17 C 6607................7.95

H **Trunk Mount.** Installs in a jiffy. No holes to drill. Mounts in trunk groove. Chrome-plated steel. Wt., 12 oz.
17 C 8955 X.............3.95

Low-Loss Foam-Dielectri Coaxial Cable Assembli



Low As $2.95 20-Ft. RG-58/U

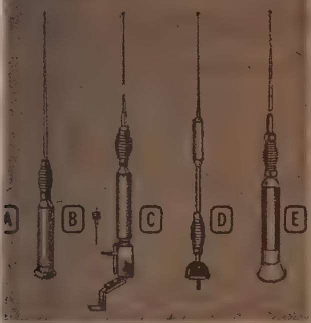
Premium ready-to-use coaxial cable assemblies. Connectors attached. Polyethylene foam dielectric and non-contaminating PVC jacket. Cuts line loss, increases antenna system efficiency and range.

RG-8/U 50-Ohm Coax. PL-259 plugs on both ends.
17 C 8519. 50′ Coil. 7 lbs......8.50
17 C 8522. 100′ Coil. 11 lbs...13.95

RG-58/U 53.5-Ohm Coax. PL-259 each end, except *PL-259 one end, split lugs other end.
17 C 8530. 20′ Coil.* 1 lb......2.95
17 C 6883. 50′ Coil. 2 lbs......5.50
17 C 6884. 100′ Coil. 4 lbs.....8.95

lues in Performance-Tested CB Mobile Antennas

ANTENNA SPECIALISTS



**-103 Combination CB/Broadcast-
ınd Antenna.** Center-loaded tele-
ng antenna. Chrome-plated. Sin-
ole body mount. Includes divider,
bles, plugs. 4 lbs.
9459 X. **17.55**

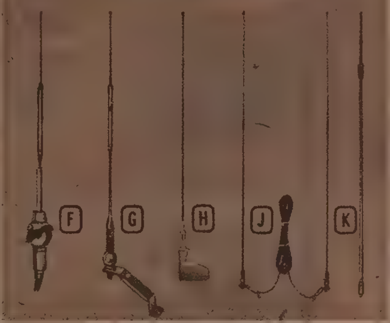
-125 Roof Mount Antenna. 40″ base-
aded stainless steel antenna, stain-
steel spring. Snap-in ⅜″ hole
ıting. 16′ RG58/U cable, PL-259.
. wt., 2 lbs.
6631 X. **16.70**

-127 Trunk-Groove-Mount Antenna.
″ base-loaded stainless steel an-
and spring. Snap-in ⅜″ hole
nt. With 16′ RG58/U cable, PL-
Shpg. wt., 3 lbs.
8340 X. *$5 Monthly* **19.55**

-130 18″ Car-Top Antenna. Center-
aded antenna with tuning ad-
nent. Low VSWR. 2½″ stainless
spring, 16′ RG58/U, PL-259.
nap-in mount. 2 lbs.
8339 X. **12.95**

-176 Trunk Mount Antenna. "Quick-
rip" mount—no holes to drill.
-loaded. Stainless steel antenna
ıg. VSWR 1.5:1 or better. 16′
8/U. PL-259. 3 lbs.
8645 X. *$5 Monthly* **21.95**

NEW-TRONICS



F **TCS-27-M CB/AM/FM Whip.** 2 telescoping sections. No AM or FM degradation. Weatherproof, tunable resonator. With automotive ball base and matching harness. Wt., 2 lbs.
17 C 8392 X. **15.25**

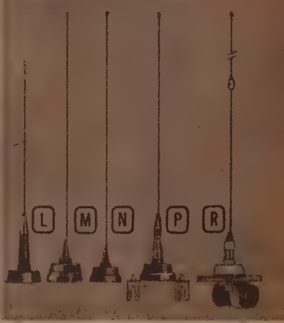
G **TGF-27-L Trunk-Groove Mount Antenna.** Strong, flexible fiberglass antenna, 48″ long. With mounting hardware, 16′ coax, PL-259. 1½ lbs.
17 C 8395 X. **11.95**

H **RTB-27-L Base-Loaded Mobile Antenna.** Rooftop or deck mounting. Tip rod tuning and fine-tuning adjustment. SWR 1.1:1 at resonance. 52 ohms. Mounts in ¾″ hole. No soldering. With 18 ft. of RG58/U, PL-259 connector, and special connector for plugging into lead on base. 4 lbs.
17 C 8393 X. *$5 Monthly* **26.95**

J **SDT Super Deluxe "Double Talk" Antenna.** Consists of two FG-27 fiberglass antennas, two TGM-1 trunk-groove mounts, 18-ft. matching harness. Shpg. wt., 4 lbs.
17 C 8394 X. *$5 Monthly* **24.95**

K **FG-27 Fiberglass Antenna.** Armored with copper braid and completely weatherproofed. Has ⅜″-24 thread at bottom. Shpg. wt., 1 lb.
17 C 8952 X. **5.50**

HY-GAIN



L **Hellcat 1 Rooftop Antenna.** Stainless steel tip rod, chrome-plated brass fittings. 48-in. high. With 22 ft. of coax, connector. Claw mounting. Shpg. wt., 3 lbs.
17 C 6160 X. **17.50**

Hellcat 2 Shorty Rooftop Antenna. (Not illus.) 23-in. high. Claw mtg. 2 lbs.
17 C 6161 X. **14.95**

M **Hellcat 3 Magnetically Mounted Antenna.** No holes to drill—no tools needed. Installs easily and quickly with magnetic mounting. 34⅝″ high. With 16 ft. of coax, connector. 4 lbs.
17 C 6172 X. **16.95**

N **Hellcat 4 Trunk-Lip Antenna.** Mounts quickly and easily on lip of trunk lid. 47-in. high. With 22 ft. of coax, connector. Shpg. wt., 4 lbs.
17 C 6152 X. *$5 Monthly* **19.95**

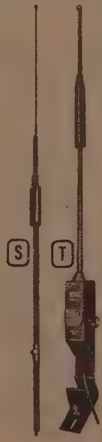
P **Hellcat 6 Camper and Trailer Antenna.** Low-profile base and chrome-plated fold-over protector. 47-in. high. With 22 ft. of coax, connector. 4 lbs.
17 C 8415 X. *$5 Monthly* **22.95**

R **Hellcat 9 Marine or Boat Antenna.** Does not need a ground plane. Mounts in ⅜″ hole. 58½ in. high. With tuning unit, 22 ft. of coax, connector. 4 lbs.
17 C 8416 X. *$5 Monthly* **26.95**

MOSLEY • ELENEX

łosley "Lancer 23" Mobile Antenna. Quality
'B antenna made of corrosion-resistant
ninum, chrome-plated brass, and stainless
, is both professional looking and dur-
. Hinged for quick and easy fold-over.
ures corona disks, antenna peaking pro-
n, removable loading coil with water-
f case. SWR, 1.5:1 or better. Length,
rox. 100″. Impedance, 52 ohms. Shpg.
3 lbs. *See Page 192 for Mounts.*
8425 X. *$5 Monthly* **25.25**

lenex "Tiger Tail Whip" Portable Antenna.
ow-angle, center-loaded ¼-wave whip
built-in solid-state reverse-power moni-
Designed for quick installation while
ping, traveling, on-the-job, in office
dings and apartments, etc. As you tune
minimum SWR, you can see the reflected
er disappear on the built-in meter. 52
s. 51-in. long. With universal mounting
ket, 12-ft. coax, connector.
6374 X. Wt., 3 lbs. *$5 Monthly* **29.95**

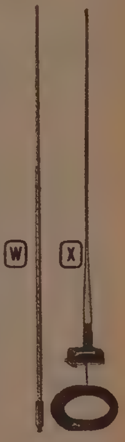


SHAKESPEARE

W **10-3 "The Whip" Fiberglass Mobile Antenna.** Quarter-wave whip installs with standard ball, cowl, or bumper mount. High flex-strength eliminates spring and lets antenna stand up straighter at road speeds. 96-in. high, gives 102-in. performance with dielectric loading. Fiberglass sheath forms a protective barrier against precipitation static. SWR, 1.5:1. 50 ohms. ⅜″-24 thread.
17 C 8690 ZW. Shpg. wt., 1 lb. **8.65**

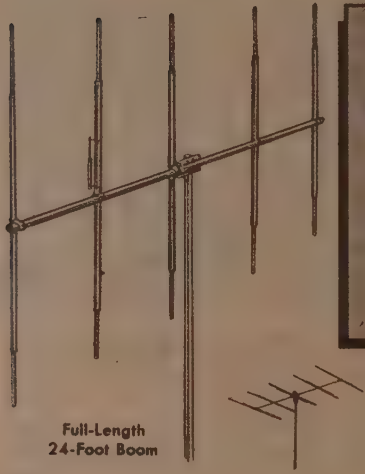
X **345-1 "Perfect 36" Fiberglass Mobile Antenna.** Non-corrosive, high flex-strength antenna for long life and top performance. Tapered pitch helical load, capacitor matching, anodized aluminum mount. 50 watts. SWR, less than 2 over the frequency range. Impedance, 50 ohms. Extends 36 in. above mount. Mounts on trunk lid by tightening two screws (wrench included). No soldering.
17 C 8686 X. Shpg. wt., 2 lbs. *$5 Mo.* . . . **21.95**

17 C 8685 X. Model 345. Above, less mount. Requires ¾″ hole. Shpg. wt., 1½ lbs. . . **14.95**



ALLIED-KNIGHT CB Antennas for Base Stations

OUR FINEST ANTENNAS WITH COAX OFFER SAVE YOU MONEY



100′ RG58/U Only $4 More

With PL-259 Plug at Each End

Save $4.95

$43.95

$5 monthly

For Vertical or Horizontal Operation

KN-2574 5-Element Beam Antenna

Antenna Alone

$39.95

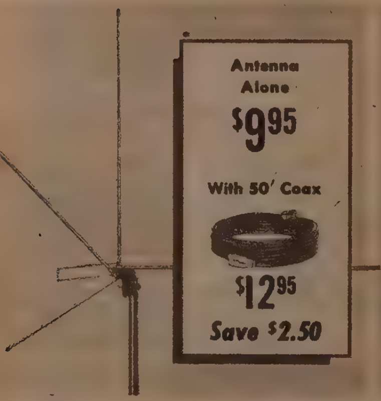
$5 monthly

- **Full-Length 24′ Boom Permits Spacing for Highest Gain**
- **High-Performance Beam Antenna**
- **25 dB Front-to-Back Ratio**

Feature-for-feature this high-performance five-elemen antenna is the best value anywhere in an all-aluminu beam. The 24-ft. boom allows optimum spacing of el ments for maximum gain. Elements are 18′ 8¾″ lon and radiate a near-perfect directional pattern.

Antenna delivers high forward gain of 12.3 dB and ha excellent front-to-back ratio of 25 dB or better to hel eliminate interference from other stations. Gamm matching for low VSWR with 52-ohm coaxial cabl Can be used vertically or horizontally. Wind load, 6 lbs. For 1½″ dia. mast. Shipped express.

17 C 0779 L2ZW. With 100′ Coax. 28 lbs. 43.9
17 C 9398 ZW. KN-2574 Alone. 24 lbs. 39.9
11 C 2442 W. Alliance U-100 Rotator System. (Not illu trated.) Shpg. wt., 12 lbs. 28.7
11 C 1237. 4-Cond. Rotator Cable. 100′. 3 lbs. 2.9
17 C 6884. 100′ RG58/U With Connectors. 4 lbs. 8.9

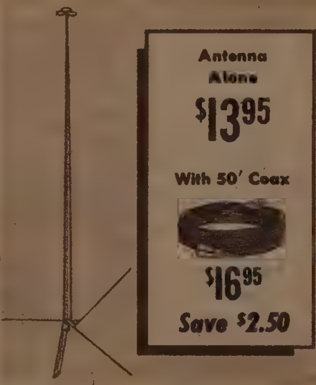


Special-Value Ground Plane

- **Omnidirectional Radiation**
- **Three Radials for Wide Pattern**
- **Seamless Aluminum Tubing**

KN-2505A. Economically priced antenna provides long-range omnidirectional coverage. Radiator and radials are of seamless aluminum tubing. Has unity gain. Impedance, 52 ohms. Beta-match insures correct impedance match; DC ground removes static and protects against lightning. Easy to install—can be mounted against a chimney or on a 1″ to 1⅝″ diameter mast. Rust-resistant hardware. Includes 50 feet of RG58/U coaxial cable with PL-259 connectors.

17 C 0025 L2X. With Coax. 5 lbs. 12.95
17 C 6714 X. KN-2505 Alone. 6 lbs. 9.95
17 C 6883. 50′ RG58/U Coaxial Cable with Connectors. Wt., 2 lbs. 5.50

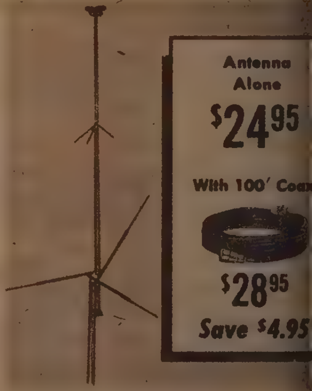


Our Most Popular Antenna

- **Top Hat for Low Noise Level**
- **DC Ground Lightning Protection**
- **3.8-dB Circuit Gain**
- **Low VSWR**

KN-2570. Outperforms many CB antennas that cost much more. Has exclusive clover-leaf top hat for lowest possible noise level. Engineering design places entire antenna at DC ground for protection from lightning. 52-ohms. 3.8-dB circuit gain. 1.25:1 VSWR. 17-foot seamless aluminum radiator, three 52″ durable-aluminum radials. For masts 1¼ to 1⅝″ dia. Rust-resistant hardware. Includes 50′ of RG58/U coaxial cable with PL-259 connectors attached. 8 lbs.

17 C 0341 L2X. With Coax 16.95
17 C 6700 X. KN-2570 Alone. 6 lbs. 13.95
17 C 6883. 50′ RG58/U Coaxial Cable with Connectors. Wt., 2 lbs. 5.50



Deluxe Colinear Antenna

- **⅝-Wave for Longest Range**
- **Solid-State Matching Coupler**
- **Excellent Radiation Pattern**

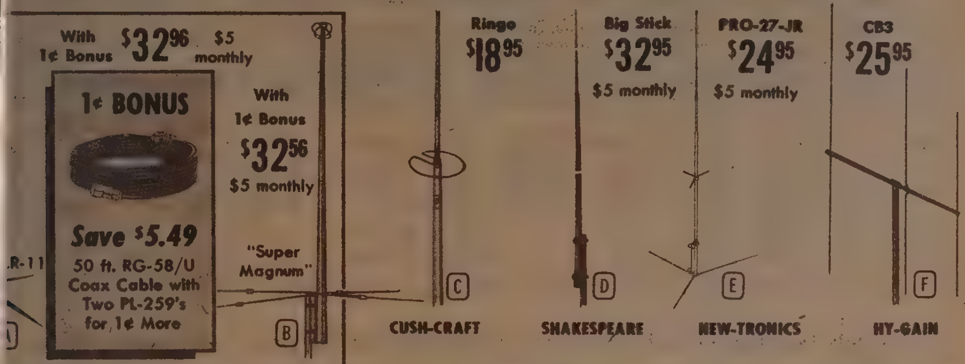
KN-2572. Our finest Citizens Band a tenna. 19′ 10″ aluminum radiator ⅝-wave for superior performanc Solid-state matching coupler for ma imum transfer of signal. 4-dB circu gain; 1.04:1 or less VSWR. Clover-le top hat discharges static. Center ski for broadband operation. DC groun for lightning protection. Three 9-f radials. For masts 1¼-1⅝″ dia. Rus resistant hardware. Includes 50′ RG58/U coaxial cable with PL-25 connectors attached. 9½ lbs.

17 C 0122 L2X. With Coax 28.9
17 C 6702X. KN-2572 Alone. 7½ lbs. 24.9
17 C 6884. 100′ RG58/U Coaxial Cab with Connectors. Wt., 4 lbs. 8.9

Get Your Antenna Now with Allied's Credit Fund Pla

Great Values in CB Base Station Antennas

A DELUXE SELECTION OF TOP-QUALITY ANTENNA VALUES



With 1¢ Bonus $32.96 $5 monthly

1¢ BONUS

Save $5.49

50 ft. RG-58/U Coax Cable with Two PL-259's for 1¢ More

With 1¢ Bonus $32.56 $5 monthly

"Super Magnum"

Ringo $18.95

Big Stick $32.95 $5 monthly

PRO-27-JR $24.95 $5 monthly

CB3 $25.95

CUSH-CRAFT **SHAKESPEARE** **NEW-TRONICS** **HY-GAIN**

y-Gain CLR-II. Vertical ground-plane. -wave. 4 dB gain—8 dB circuit SWR, 1.2:1, Impedance, 52 ohms. vy-duty aluminum construction. e 9-ft. radials; 19′10″ radiator. Fits to 1⅝″ masts.
0936 L2X. With Coax. 9 lbs. 32.96
6422 X. CLR-II Alone. 7 lbs. 32.95

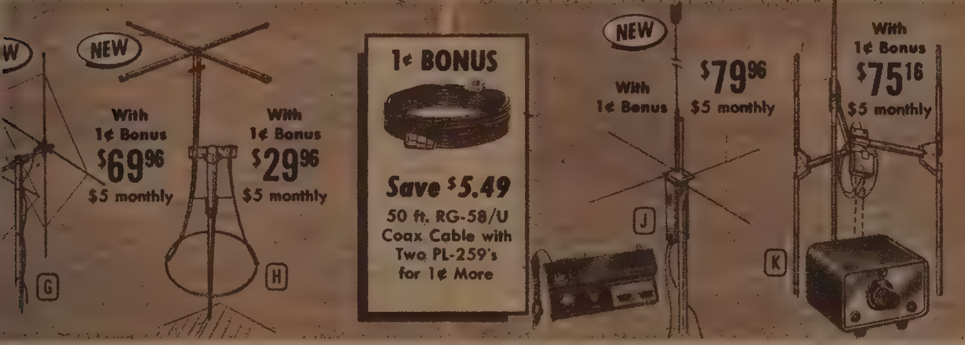
ntenna Specialists Super Magnum. ives 6 dB or better S/N improve-t. 3.75-dB gain. Ball reduces static. phasing. Very low angle of radiation. hms. Fits up to 1½″ masts.
0939 L2X. With Coax. 15 lbs. 32.56
6496 X. M-117 Alone. 13 lbs. . . .32.55

C **Cush-Craft CR-1 "Ringo."** ½-wave. 1:1 SWR. 3.75 dB gain. "Power-ring" tuning. 52-ohm coaxial feed. Seamless aluminum tubing. Height, 17′10″. Telescope clamps, phenolic base insulator.
17 C 8662 X. Shpg. wt., 6 lbs. 18.95

D **Shakespeare 176 "Big Stick."** Two-section, ½-wave. Center-fed. White fiberglass sections; choke stub in base. Height, 18½ ft. Fits 1½″ pipe. Accepts PL-259 plug. 50 ohms. With U-bolts.
17 C 6368 ZW. Shpg. wt., 8½ lbs. Express. *$5 Monthly*. 32.95

E **New-Tronics PRO-27-JR.** .64-wave collinear. Low-angle radiation. Tunable telescoping construction. SO-239 connector.
17 C 8331 X. Shpg. wt., 8¾ lbs. *$5 Monthly*. .24.95
17 C 8332 X. PRO-27-SD. Deluxe version of above. 15¼ lbs. 39.59

F **Hy-Gain CB3.** Half-wave. 8-dB forward gain; 20-dB average F/B ratio; 30-dB F/S ratio. 52-ohm coaxial feed. Seamless elements on 8′x1¼″ aluminum boom. Hardware iridite treated.
17 C 8344 ZW. Shpg. wt., 7 lbs. Express. *$5 Monthly*. 25.95



NEW

With 1¢ Bonus $69.96 $5 monthly

With 1¢ Bonus $29.96 $5 monthly

1¢ BONUS

Save $5.49

50 ft. RG-58/U Coax Cable with Two PL-259's for 1¢ More

NEW

With 1¢ Bonus $79.96 $5 monthly

With 1¢ Bonus $75.16 $5 monthly

Y-GAIN **AVANTI** **ELENEX** **ANTENNA SPECIALISTS**

y-Gain Quad Antenna. Two-element quad antenna with tended aperture elements and selectable polarity for sity reception. Provides vertical or horizontal selection coming signals and reduction of interfering skip sig-Directivity and high F/B ratio of a beam, but smaller ighter. Shpg. wt., 19 lbs.
0026 L2ZW. With Coax. *$5 Monthly*. 69.96
8345 2W. Quad Alone. Wt., 17 lbs. *$5 Monthly*. .69.95

vanti Astro Plane Antenna. Radiates an extremely low-gle signal for maximum distance in all directions. , less than 1.4:1 on all CB channels and 10-meter band. Gain, 4 dB. Impedance, 50 ohms. Rated to . Height, 12 ft. Made of rigid heavy-duty aluminum g. Resists winds of over 120 miles-per-hour. Light-t—easy to assemble and install on up to 1½″ O.D. mast.
0027 L2X. With Coax. Wt., 6 lbs. *$5 Monthly*. . . .29.96
8335 X. Antenna Alone. 4 lbs. *$5 Monthly*. 29.95

J **Elenex Gamma IV.** Has desk-top control with forward and reflected-power meter and push-to-tune button. SWR, 1:1 on all channels, but can be tuned to zero reflected power on any channel. ⅝ wave. 52 ohms. Height, 19 ft.; 9-ft. radials. Static-removing top hat. Resists 100 mile-per-hour winds. For up to 1½″ mast. 110 V, 60 Hz.
17 C 0028 L2ZW. With Coax. Wt., 12 lbs. *$5 Monthly*. 79.96
17 C 8327 ZW. Antenna Alone. 10 lbs. *$5 Monthly*. 79.95

K **Antenna Specialists Model M-119.** Scanner antenna does not require an antenna rotator. You rotate the signal electronically for maximum range, not the antenna. Control box selects three directions, indicated by neon bulbs, or "off." Provides 7.75 dB gain. 23 dB F/B. Three 17½″ aluminum verticals; spaced 120°. 52 ohms. For 1½-2″ mast. Requires 4-wire rotator cable. Express.
17 C 0064 L2ZW. With Coax. Wt., 20 lbs. *$5 Monthly*. 75.16
17 C 6754 ZW. M-119 Alone. Wt., 18 lbs. *$5 Monthly* 75.15

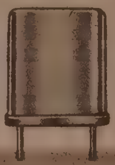
CTS/Knights Quality CB Crystals at Low Prices

PRECISION-GROUND CRYSTALS FOR ALL POPULAR CB EQUIPMENT

Manufactured under the most exacting conditions. Inspected at each step of assembly. Exceed FCC requirements with .003% tolerance. Crystals for CB models are either precision 3rd overtone or series-resonant types as indicated in manufacturer's specifications. Each crystal is in protective plastic box. *In tables below indicates no crystal is r
quired. To Order: Use Stock No. indicated in Tables belo
and specify channel desired, 1-23. Wt., 3 oz. (Channels M
Be Assorted for Quantity Price).

Each......2.50   3-9......Each 1.94   10-Up.....Each 1.

Standard Size H17



.050" Pins

Miniature Size H3

.039" Pins

Miniature Size H3W

.017" Wire Leads

Standard Size H17L

.093" Pins

Crystals for Allied, Knight, and Lincoln Citizens Band Equipment and Walkie-Talkies

Model No.	Stock No.	
	Transmit	Receive
KN-2500, KN-2550, KN-2580	17 C 9366 CS	17 C 9358 CS
A-2507, KN-2520, KN-2522	17 C 9394 CS	17 C 9409 CS
A-2530	17 C 9394 CS	17 C 9395 S
L-2540, L-2541, L-2542, A-2543, A-2544, A-2545	17 C 9369 CS	17 C 9401 CS
KN-2585	17 C 9366 CS	17 C 9358 CS
KN-2590	17 C 9354 CS	17 C 9360 CS
L-2700	17 C 9353 CS	17 C 9375 C
L-2700A	17 C 9366 CS	*
L-2710	17 C 9369 CS	17 C 9375 C
Knight-Kit C-22, C-560	17 C 6602 CS	17 C 9358 C
Knight-Kit C-540	17 C 6602 CS	*
Knight-Kit C-555, KG-4000A	17 C 9353 CS	17 C 9375 C
Knight-Kit Safari II, III, IV	17 C 9394 CS	17 C 9409 C

Crystals for Other Popular Citizens Band Equipment and Walkie-Talkies

Manufacturer and Model	Stock No.	
	Transmit	Receive
Allstate—see Sears-Roebuck		
Amphenol 510B	17 C 6600 CS	17 C 6601 CS
Amphenol 600, 625, 650, 675	17 C 6600 CS	17 C 9963 CS
Amphenol 750	17 C 6600 CS	17 C 9343 CS
B&K Cobra 5	17 C 9394 CS	17 C 9409 CS
Cadre 500	17 C 9394 CS	17 C 9370 CS
Cadre 510, 510A, 515, 520	17 C 6600 CS	17 C 6601 CS
Citifone 5A, 6, 7, 11, 99	17 C 9371 CS	17 C 9372 CS
Claricon Century	17 C 9369 CS	17 C 9401 CS
Courier AGS200	17 C 9366 CS	17 C 9358 CS
Courier Fleet, A-58	17 C 9354 CS	17 C 9363 CS
Courier TR-5, TR-6	17 C 6600 CS	17 C 9401 CS
Courier 12	17 C 9366 CS	17 C 9363 CS
Demco Satelite	17 C 6604 CS	*
Demco Chalet	17 C 9369 CS	17 C 9401 CS
Demco Ravelle	17 C 6604 CS	17 C 9378 CS
Dewald TR1000, R1050, F1050	17 C 9366 CS	17 C 9358 CS
E.C.I.—see Courier		
E. F. Johnson Personal Messenger	17 C 9353 CS	17 C 9375 CS
E. F. Johnson Messenger I, II	17 C 9352 CS	17 C 9362 CS
E. F. Johnson Messenger 100, 109, 110	17 C 9394 CS	17 C 9401 CS
E. F. Johnson Messenger III, 300	17 C 9394 CS	17 C 9963 CS
Eico 770-772, 777	17 C 9371 CS	17 C 9356 CS
Eico Sentinel 12, 712	17 C 9366 CS	17 C 9360 CS
Fanon DCL-50, RCB-10, FCB 11, 12, 13, 55, 90, 91, L-1000, L-2000	17 C 9394 CS	17 C 9401 CS
General MC1, MC2, MC3	17 C 9366 CS	17 C 9363 CS
General MC4, MC5, MC6, EM5, EM6	17 C 9354 CS	17 C 9363 CS
General Echo 9	17 C 9369 CS	17 C 9401 CS
Globe CB100	17 C 9366 CS	17 C 9357 CS
Globe CB100A	17 C 9366 CS	17 C 9363 CS
Globe CB200	17 C 9350 CS	17 C 9357 CS
Hallicrafters CB2, CB3A, CB5A, CB7, CB9, CB10, CB17, CB27	17 C 9352 CS	17 C 9359 CS
Hallicrafters CB12, CB19, CB21	17 C 6600 CS	17 C 9407 CS
Hallicrafters CB6	17 C 9353 CS	17 C 9375 CS
Hallicrafters CB20	17 C 6600 CS	17 C 6603 CS
Heath CB2, GW10, 11, 12, 22, 32, 34, 42, MW30, MW33	17 C 9366 CS	17 C 9360 CS
Heath G14, GW21, GW52, GRS-65A	17 C 9353 CS	17 C 9365 CS
Int'l Executive 50, 100, 100A, 100C, 100D, CTZ-50, CTZ-5A2, CTZ-5B2	17 C 9354 CS	17 C 9374 CS
Karr Sky Hawk (Crystal for Transmit and Receive 17 C 9345 CS)		
Karr Sky Lark	17 C 6600 CS	17 C 9345 CS
Knight and Knight-Kit—see table above		
Lafayette HE15, 15B, HB115, 115A	17 C 9366 CS	■
Lafayette HE20, 20A, 20B, 20C, 23, 24, 43B, 43C, 65, 90	17 C 9366 CS	17 C 9358 CS
Lafayette HE20J, HA450, Dynacom 5, 6	17 C 9394 CS	17 C 9401 C
Lafayette HE29 (very early), HA64, 65	17 C 9353 CS	17 C 9363 C
Lafayette HE29 (except very early), HE29A, 29B, H10TC, HE31, HE66, 82, 83		
Lafayette HE29C, HA60, HA62, HE85, 86, GT-50, HE75, HE88, HA99, HE100, 100A, HA130, 135, 150, 210, 295, 303, 711, Dynacom 2, 3	17 C 9354 CS	17 C 9358 C
Lafayette HB111, HB200	17 C 9354 CS	17 C 9358 C
Lafayette Comstat 9, 19	17 C 9354 CS	17 C 9363 C
Lincoln—see table above		
Lloyds 7A08, 7A11, 8A22	17 C 9369 CS	17 C 9401 C
Metrotek "Colt 23"	17 C 9408 CS	*
Metrotek "Mustang," 65 & II, "Pacer"	17 C 9354 CS	17 C 9360 C
Metrotek "Pacer II"	17 C 9408 CS	17 C 9409 C
Midland 13-042, 13-105, 13-106, 13-108, 13-110, 13-111, 13-113, 13-120, 13-124, 13-132 13-133, 13-143, 13-150, 13-410, 13-430, 13-710, 13-722, 13-732, 13-760, 13-765, 13-775, 2910	17 C 9369 CS	17 C 9401 C
Monarch TC900, TC66	17 C 9369 CS	17 C 9401 C
Olson Spotter 1, 2, RA530	17 C 9366 CS	*
Olson RA396, RA442	17 C 9366 CS	17 C 9358 C
Olson RA446	17 C 9369 CS	17 C 9401 C
Olson RA482, RA52	17 C 9366 CS	17 C 9363 C
Olson 717	17 C 9354 CS	17 C 9360 C
Pace I, II, IIs, 5000	17 C 6600 CS	17 C 9406 C
Pearce Simpson Companion III	17 C 9394 CS	17 C 9401 C
Polytronics Poly Pup	17 C 6600 CS	17 C 9409 C
Raytheon TWR5, 6, 7, 8, 9, 11	17 C 6600 CS	17 C 6603 C
RCA Mark VIII, IX	17 C 6602 CS	17 C 9359 C
RCA Mark X	17 C 6600 CS	17 C 9406 C
Realistic CBK1, TRC27A	17 C 9366 CS	17 C 9363 C
Radio Shack—see Realistic		
Regency Ranger	17 C 6600 CS	17 C 9411 C
Regency—see Metrotek		
Sears-Roebuck Cat. No. 6450, 6455	17 C 9369 CS	17 C 9401 C
Sears-Roebuck Cat. No. 6550	17 C 9352 CS	17 C 9359 C
Sears-Roebuck Cat. No. 6552	17 C 6600 CS	17 C 9407 C
Sears-Roebuck Cat. No. 6556	17 C 9394 CS	17 C 9401 C
Sears-Roebuck Cat. No. 6558	17 C 9394 CS	17 C 9963 C
Sonar E (below serial no. 915)	17 C 9377 CS	17 C 9363 C
Sonar E (above serial no. 915)	17 C 9377 CS	17 C 9378 C
Sonar G	17 C 6604 CS	17 C 9378 C
Sonar H	17 C 9368 CS	17 C 9378 C
Squires Sanders S5S	17 C 6600 CS	17 C 9344 C
USL TR1000, TR1050, Contact 6	17 C 9366 CS	17 C 9358 C
USL Contact 8	17 C 9354 CS	17 C 9358 C

Full-Power 5-WATT Walkie-Talkies With New Integrated Circuits

NEW
THREE CHANNELS
$79.95 Each
$5 monthly
MIDLAND

SIX CHANNELS
$99.95 Each
$5 monthly
Tuned RF Stage plus Four IF's . . Has PA Switch and Provision for Mobile Use
MIDLAND

idland 13-765 3-Channel Walkie-Talkie

ew Integrated Circuits for Superior Performance
GC for Stable Reception • Earphone and Charger Jacks
attery Condition Meter • Tuned RF Stage

can't buy a more powerful Citizens Band walkie-talkie.
ures full 5-watt RF input for maximum-range 2-way
o communications. Versatile 3-channel capability, too.
d-state integrated circuits for super-reliability and
rior overall performance. Superhet receiver has tuned
stage for excellent sensitivity.

n-pull audio circuit for plenty of volume without dis-
ion. Variable squelch. Automatic gain control. Heavy-
60" telescoping antenna, jack for external 50-ohm
nna. Built-in speaker/mike, push-to-talk switch.
al case with die cast front, 9½x3½x2½". Handy
lder strap for carrying ease.

uires 8 alkaline batteries, or rechargeable nickel-
mium battery pack below. Use also as mobile or base
ion with accessories below. FCC license required. With
tals for Channel 11. From Japan.
9804 S. Shpg. wt., 5 lbs. *$5 Monthly*...... Each 79.95

Midland 13-775 6-Channel Walkie-Talkie

- Solid-State with New Integrated Circuits
- Four IF's plus Tuned RF for Excellent Sensitivity
- Use As PA Mike and Amplifier • Squelch Control

Deluxe solid-state walkie-talkie offers top-notch CB communications on up to 6 crystal-controlled transmit/receive channels. Has full 5-watt input. Superhet receiver has four IF stages for excellent selectivity and tuned RF for outstanding sensitivity of 1.2 μV for 10 dB S/N. Boasts newest integrated circuits for finest performance.

Has: combination speaker/mike with push-to-talk switch; RF output and signal strength meter; squelch control; AGC. Switch converts to PA and amplifier use. Jacks for external antenna, earphone, extension speaker and mike, PA speaker, battery charger. 60" telescoping antenna. Hi-lo battery saver. Metal case, 9¾x4⅛x2$\frac{3}{16}$".

Operates on 8 alkaline cells or 10 rechargeable nickel-cadmium batteries. Order accessories for base and mobile operation below. FCC license required. With case, carrying strap, Channel 7 crystals. From Japan.
17 C 9707 S. Shpg. wt., 5 lbs. *$5 Monthly*...... Each 99.95

ACCESSORIES FOR WALKIE-TALKIES ABOVE

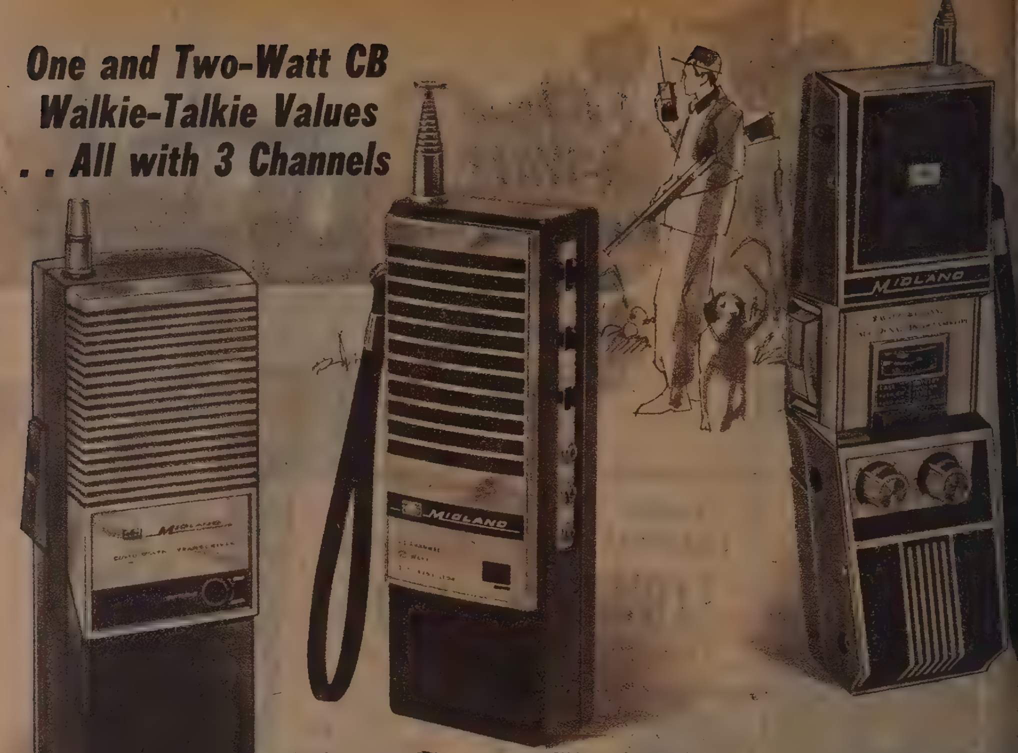
a Crystals. *Specify Channel 1-23.* Shpg. wt., 3 oz.
9369 CS. Transmit.......................... Each 2.50
9401 CS. Receive........................... Each 2.50
5131. Alkaline Batteries. Wt., 4 oz....... Pkg. of 2 for 66¢
eady Rechargeable Nickel-Cadmium Batteries. 3 oz.
5636.. Each 1.93

17 C 9769 S. Ni-Cadmium Recharg. Battery Pack. 11 oz.. 11.95

17 C 9712 S. Combination 117 VAC Power Supply and Battery Charger. Operates walkie-talkies as 117 VAC base station, recharges nickel-cadmium batteries. Shpg. wt., 2 lbs. 22.95

17 C 9645. 12-VDC Auto Cable. Plugs into automobile's 12-V cigarette lighter socket. Shpg. wt., 4 oz............ 1.95

One and Two-Watt CB Walkie-Talkie Values . . All with 3 Channels



GOOD—1 WATT
$34.95
$5 monthly

BETTER—2 WATT
$39.95
$5 monthly

OUR BEST—2 WAT
$59.95
$5 monthly

Solid-State 1-Watt Walkie-Talkie with Call Signal

- Superhet Receiver with Tuned RF Stage
- Push-Pull Class B High-Level Audio
- Efficient 13-Transistor Circuit

Midland 13-710. An exciting value in a 1-watt walkie-talkie. Three-channel crystal-controlled transmit and receive, and "Call Signal" for alerting other similar units to your calls. Sensitive superhet receiver provides clear reception of weak signals; AVC reduces blasting and fading; adjustable squelch circuit silences speaker between calls. Also has battery-condition meter; 60-inch telescoping antenna; input jacks for optional AC adapter and battery charger, earphone. Chrome-trimmed metal cabinet, 7¾x 2¾x2". With convenient carrying strap, Channel 11 Crystals. Extra crystals, batteries, rechargeable battery pack below. Wt., 4 lbs. Japan.
17 C 9805 S. *$5 Monthly*.......34.95

Solid-State 2-Watt Walkie-Talkie with Call Signal

- Call-Signal-Tone Alerts Other Units
- 20 Times the Power of 100-mW Talkies
- Squelch Circuit for Quiet Operation

Midland 13-722. Greater range in a complete portable 2-way CB walkie-talkie. Powerful 2-watt, 13 transistor circuit. Offers 3-channel crystal-controlled operation; push-pull Class B high-level audio modulation, providing a highly intelligible signal; sensitive superhet receiver with AVC to reduce fading and blasting, and variable squelch. Plus 64-inch telescoping antenna; battery-condition meter; input jacks for optional AC adapter, battery charger and earphone. Chrome-trimmed metal cabinet, 8x2¾x2". With convenient carrying strap, Channel 11 crystals. Order extra crystals, batteries, or rechargeable pack below. Shpg. wt., 4 lbs. Japan.
17 C 9806 S. *$5 Monthly*.......39.95

Deluxe Solid-State 2-Watt Walkie-Talkie with Call Sign

- Three Crystal-Controlled Channels
- Separate Speaker and Microphone
- Push-Pull Class B High-Level Audio

Midland 13-732. Outstanding in eve
way, this compact powerhouse of a C
walkie-talkie provides more powerf
communications—lets you get throug
The use of a separate microphone a
speaker results in excellent modulati
with improved transmitting ran
and signal intelligibility. Featur
high-level modulation; sensitive supe
het receiver; 48-inch telescoping a
tenna; battery-condition meter; inp
jacks for optional AC adapter, batte
charger and earphone. Die-cast met
cabinet, 10½x3x2¼". With earphon
leather lanyard carrying strap, Cha
nel 11 crystals. Extra crystals, batteri
rechargeable pack below. Shpg. w
3 lbs. Japan.
17 C 9807 S. *$5 Monthly*.......59.9

GET THE MOST FROM YOUR WALKIE-TALKIE WITH THESE USEFUL ACCESSORIES

Extra Transmit Crystals. *Channel 1-23—specify.* Wt. 3 oz.
17 C 9369 CS...Ea. 2.50 3-9....Ea. 1.94 10-Up...Ea. 1.75

Extra Receive Crystals. *Channel 1-23—specify.* Wt. 3 oz.
17 C 9401 CS...Ea. 2.50 3-9...Ea. 1.94 10-Up...Ea. 1.75

Rechargeable 12-V Nickel-Cadmium Battery Pack. Wt., 11 oz.
17 C 9769 S.....................................11.95

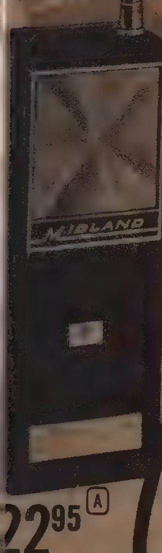
Combination AC Adapter and 12-V Battery Charger. Wt., 1
17 C 9712 S. *$5 Monthly*..............................22.

12-Volt Battery Charger. Shpg. wt., 6 oz.
17 C 9643...5.

Alkaline Batteries. 8 required. Shpg. wt., 4 oz.
18 C 5131 ....Pkg. of 2 for 6

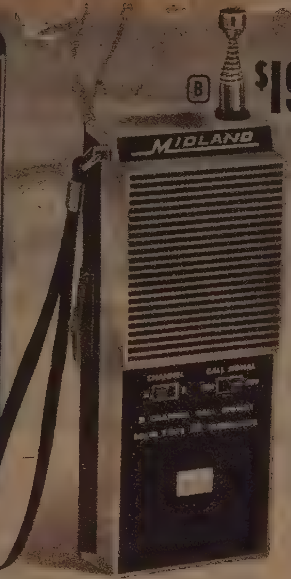
FCC License Needed for Walkie-Talkies with Over 100-mW Power—No Exa

0-mW Walkie-Talkies for Personal or Business Use



22^{95} Ⓐ

monthly

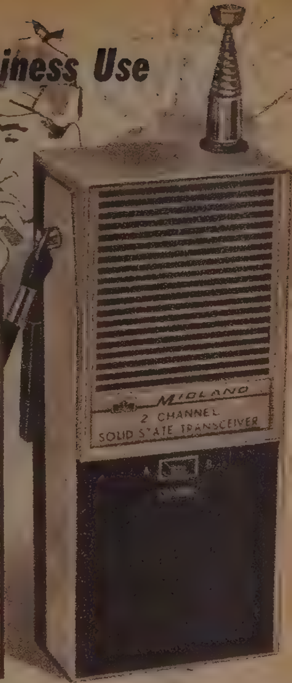


Ⓑ $\$19^{95}$ $5 monthly

Our Lowest Price for Any Superhet Walkie-Talkie

Special Value

$\$12^{95}$



Ⓐ 9-Transistor Deluxe Walkie-Talkie

dland 13-113. Rugged workhorse for personal or industrial use. Crystal-controlled transmit and receive. Sensie superhet receiver. Rugged all-metal cabinet with diet grille. Uses 8 "AA" penlight cells for extra efficiency. x2¾x2". Leather carrying case, Channel 11 crystals. der batteries below. Japan.
C 9808 S. Shpg. wt., 1½ lbs. *$5 Monthly*........22.95

Ⓑ 10-Transistor 2-Channel Walkie-Talkie

dland 13-430. Exceptional value. Has high-sensitivity namic-speaker/mike; Call Signal; on-off volume control; sh-to-talk switch; telescoping antenna; input jacks for ttery charger, AC adapter, earphone. Metal-back case, x2¼x1⅝". With carrying strap, Channel 11 crystals, battery. From Japan.
C 9718 S. Shpg. wt., 1 lb. *$5 Monthly*...........19.95

6-Transistor 2-Channel Walkie-Talkie

- Call Signal Alerts Other Similar Units to Your Calls
- Sensitive Superhet Receiver Brings in Weak Signals
- Easy-to-Change Crystals
- 100% Modulation

Midland 13-410B. Improved model loaded with quality features, yet still priced lower than last year's Model 13-410. Ideal low-cost, dependable communications. Many uses: camping, hunting, fishing, scouting, boating, sports, farming, home, warehouse, more. Sensitive superhet receiver for better reception of all signals; 100% modulated 3-stage transmitter with call-signal alerting; plug-in crystals for easy channel changes; heavy-duty telescoping antenna. High-impact plastic case with chrome grille. 5¾x2⅝x1$\frac{9}{16}$". Input jacks for AC adapter, battery charger, earphone. With carrying strap, Channel 11 crystals, 9-V battery. Shpg. wt., 1 lb. From Japan.
17 C 9809 S...12.95

3-Channel 100-mW Walkie-Talkies . . with Call Signal

Deluxe Model

$\$32^{95}$ $5 monthly

- 12 Transistors
- Plug-in Crystals
- Battery Meter

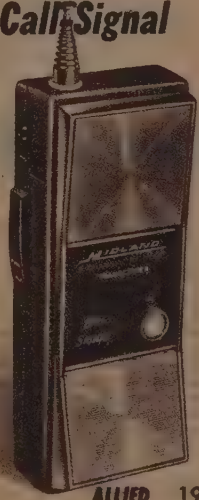
Lloyds 8A22. Offers 3 crystal-controlled channels; "Call Signal"; separate speaker and microphone for greater efficiency; push-to-talk; sensitive superhet receiver with variable squelch. Plus 49" telescoping antenna, battery-condition indicator. Easy-to-grip square metal case, 9⅜x2$\frac{3}{16}$x2$\frac{3}{16}$". With carrying strap, Ch. 9 crystals, and 6 "AA" batteries. Japan. 2 lbs.
17 C 9720 S. *$5 Monthly*..32.95

Low-Cost Model

$\$29^{95}$ $5 monthly

- 12 Transistors
- Plug-in Crystals
- Variable Squelch

Midland 13-124C. Features 3 crystal-controlled channels, Call Signal, separate speaker and push-to-talk microphone. Sensitive superhet receiver has tuned RF stage, full variable squelch. Input jacks for AC adapter, battery charger, earphone. Metal case, 7½x2¾x2⅛". Leather carrying case, Ch. 11 crystals, battery holder. Order 8 "AA" batteries below. Japan. 1½ lbs.
17 C 9810 S. *$5 Monthly*..29.95



USEFUL WALKIE-TALKIE ACCESSORIES

18 C 5083. "AA" Penlight Batts. 4 oz.............Pkg. of 2 for 27¢
18 C 5980. 9-V Batt. 4 oz....2/59¢
17 C 9767 S. 9-VAC Adapter. 4.95
17 C 9640. 12-VAC Adapter. 4.95
17 C 9645. 12-V Auto Cable. 1.95

o License Needed for 100-mW Units—Extra Crystals on Page 196

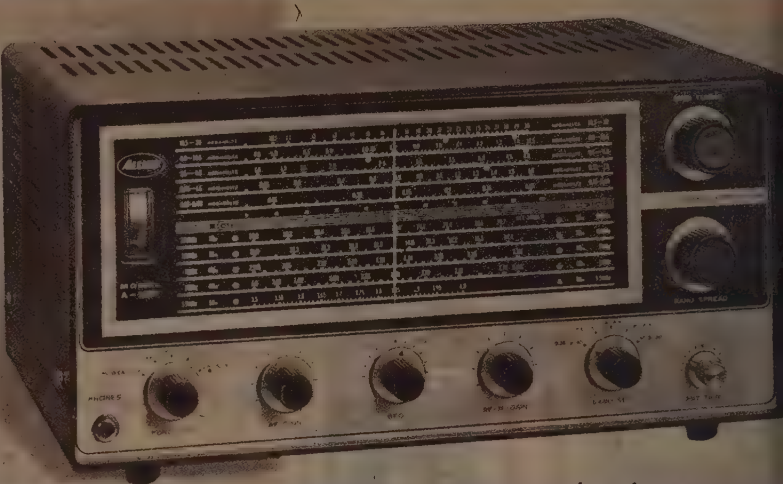
NEW *ALLIED* Solid-State Ham/SWL Receiver

Model A-2515

$99⁹⁵

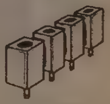
$5 monthly

24 Semiconductors Including Two Field-Effect Transistors for High Sensitivity and Lowest Noise



CHECK THESE DELUXE FEATURES

All-Solid-State Circuit Has 24 Semiconductors


Four Mechanical Filters for Best Selectivity

Dual Power Supplies for 117 VAC/12 VDC

A-2515 SPECIFICATIONS

Ranges: Band A, 150 to 400 kHz; Band B, 550 to 1600 kHz; Band C, 1.6 to 4.8 MHz; Band D, 4.8 to 14.5 MHz; Band E, 10.5 to 30 MHz. *Sensitivity:* 2 μV for 10 dB S/N, 3.2 μV on standard AM broadcast band. *Selectivity:* 1.5 kHz bandwidth at 6 dB down; 5 kHz at 50 dB down. *Signal-to-Noise Ratio:* 30 dB down. *IF Rejection:* 40 dB. *Intermediate Frequency:* 455 kHz. *Audio Power Output:* 1.3 watts. *Power Sources:* 117 VAC, 12 VDC (negative ground). *Power Consumption:* 10 watts. *Semiconductors:* 11 transistors, 12 diodes, zener diode. *Size:* $7\frac{5}{8}$x15x10″.

ALLIED A-2515 Receiver Outfit

$116⁵⁰ $6 monthly

- **Complete Listening Post**
- **You Get Matching Accessories**

Separately, $122.80. Save $6.30 on this complete, sensitive receiving station for international and domestic listening. Consists of: **Allied A-2515 Solid-State 5-Band Shortwave and Amateur Receiver; Vinyl Cover; Matching Speaker; Deluxe Dual Headphones; Fully Assembled Shortwave Antenna.** All are matching components designed to provide stable, clear reception of shortwave and standard broadcasts.
17 C 0024 L2U. Shpg. wt., 27 lbs. *$6 Monthly* . . **116.50**

Solid-State 5-Band AM/CW/SSB Receive

- **RF Stage • Product Detector for SSB Reception**
- **Noise Limiter • Front-Panel Antenna Trimmer**
- **Versatile Dual 117-VAC and 12-VDC Power Supplies**
- **High Stability • Illuminated "S" Meter**
- **2 FET's plus 9 Transistors and 13 Diodes**

Keep in touch with the world or brighten your Ham shack with this sensitive, versatile solid-state 5-band SWL/ Amateur receiver. The A-2515 gives you dependable reception of longwave and shortwave signals on four big bands, plus the standard AM broadcast band. Covers 150-400 kHz, 550-1600 kHz, 1.6-4.8 MHz, 4.8-14.5 MHz, 10.5-30 MHz. Receives all Amateur bands from 80 to 10 meters international shortwave, foreign broadcasts, aircraft and marine broadcasts, many more. Choose your listening from AM, CW, or SSB. Calibrated bandspread for 80-1 meters.

Modern solid-state circuit uses two Field Effect transistors in the RF stage for high sensitivity and lowest noise. Large illuminated slide-rule dial. Four mechanical filters provide superior selectivity for good station separation. Receiver muting connections. Dual power supply makes the A-2515 ideal for emergency, mobile and field-day uses.

Noise limiter and automatic volume control reduce noise blasting, and fading. Built-in variable BFO and Product Detector give clear reception of code and single-sideband Illuminated S-meter for easy visual tuning. Push-pul audio output stage with thermistor for low distortion Handsome gray metal cabinet, $7\frac{5}{8}$x15x10″. Vinyl cover For 117 VAC or 12 VDC, negative ground. Order speaker headphones, antenna below. Japan.
17 C 6985 U. Shpg. wt., 20 lbs. *$5 Monthly* **99.95**

Speaker and Accessories for A-2515

Matching Speaker. Large 3x5″ permanent-magnet speaker for crisp, clear sound reproduction Ruggedly constructed with sturdy steel case Non-marring vinyl feet protect surfaces. Impedance, 8 ohms. Housed in handsomely styled cabinet, $7\frac{13}{16}$x$3\frac{9}{16}$x$5\frac{13}{16}$″.
17 C 6986 X. Shpg. wt., 3 lbs. 9.95

17 C 6226 X. Deluxe Dual Headphones. Lightweight. Adjustable headband. 8 ohms. Phone plug. 1 lb. 5.95

17 C 9497 X. Deluxe Shortwave Antenna Kit. Easy-to-assemble Mosley trap dipole. Overall length, 39′ 10″. Supplied complete with 100 ft. of 75-ohm twin lead. 3 lbs. 17.37

17 C 8424 X. Low-Cost Fully-Assembled Shortwave Antenna Covers 1.8-30 MHz range. Wt., 2½ lbs. 6.95

lallicrafters AM, FM and Shortwave Receivers

5-214 Low-Cost Solid-State
-Band AM/SW/FM Receiver

.ting international and domestic twave listening. Instant-on solid-state uit gives fine performance on six ds: 550-1600 kHz (standard AM dcast); 88-108 MHz (FM); 5.9-6.25 z (49 meters); 9.4-9.8 MHz (31 me- ; 11.65-12.05 MHz (25 meters); 15.05- 5 (19 meters). Features s-p-r-e-a-d tuning on shortwave bands; AFC for -free FM reception; 1-watt audio out- built-in speaker; tone control; built- riple antenna system with provision external antennas. Easy tuning; illu- ated slide-rule dial. Vinyl-covered al cabinet, 5⅞x13⅞x8″. For 115 V, 0 Hz AC. Shpg. wt., 10 lbs.
9884 U. *$5 Monthly*.........89.95

Six Bands
$89⁹⁵
$5 monthly

• Built-in Triple Antenna System • AFC for Drift-Free FM
• S-p-r-e-a-d Tuning on SW • Illuminated Slide-Rule Dial

S-240 Solid-State Deluxe
-Band AM/SW/FM Receiver

orld of entertainment and information t your fingertips with this fine solid- e receiver. Features wide shortwave erage, plus AM and FM. Five bands: -1600 kHz; 2-5 MHz; 4.8-11.5 MHz; 30 MHz; 88-108 MHz (FM). Has ing meter for easy tuning and perform- e rating; illuminated slide-rule dial; -tuning control to spread out crowded rtwave stations; BFO for CW recep- ; AFC to lock FM stations in place; le antenna system; built-in speaker h provision for external speaker or ear- ne; 1-watt push-pull output. Vinyl- ered metal cabinet, 6⅞x13⅞x8″. 115 50-60 Hz AC. Wt., 10 lbs.
C 9896 U. *$6 Monthly*.........109.95

Deluxe 5-Band Model
$109⁹⁵
$6 monthly

• Tuning Meter for Visual Tuning • Tuner Output Jack
• Fine Tuning Spreads Out Crowded Shortwave Stations

Longwave, AM, Shortwave, FM, FM Stereo • Fine Tuning
10-Watts Power per Channel • Stereo Indicator Light

CR-3000 Solid-State 6-Band Receiver

229⁹⁵
2 monthly

• 70 to 15,000 Hz Response • Tuning Meter
• Built-in Triple Antenna System • AGC • AFC

agnificent multiband receiver covers: 190-400 kHz W); 550-1600 kHz (standard broadcast); 2-4 MHz, 5.85- 3 MHz, 11.0-18.0 MHz (SW); and 88-108 MHz (FM) illuminated rotary drum band selector. Delivers 10 watts s continuous power per channel. Features: 70-15,000 Hz ponse; stereo indicator light; tuning meter; balance, bass, ble controls; AGC to prevent fading; AFC for drift- e FM; BFO for CW reception. Inputs: ceramic phono, gnetic phono, tape, aux. Stereo headphone jack. Tape tput. Triple antenna system with provision for external tenna. Takes 8-ohm speaker. Cabinet is vinyl covered el. 5x15⅛x12¼″. 117 V, 50-60 Hz AC.
C 9892 U. Shpg. wt., 24 lbs. *$12 Monthly*.....229.95

SX-130 Communications Receiver

$199⁹⁵
$10 monthly

• Excellent Ham and Shortwave Receiver
• SSB with Selectable USB/LSB plus CW and AM

Pulls in AM, SSB, CW, and RTTY with clarity. Sharp station separation is obtained with crystal phaser and filter. Calibrated S-meter allows visual tuning and performance rating. Four bands cover foreign broadcast, Amateur, aircraft, marine, and AM standard broadcast. Tunes 535-1600 kHz, 1.725-4.7 MHz, 4.5-13 MHz, 11.9-31.5 MHz. Slide-rule bandspread dial calibrated for 80-10 meter Amateur bands and 11-meter CB. Selectable USB/LSB; product detector for CW, SSB; crystal phasing bandwidth control; calibrated BFO; S-meter; RF gain control; ANL. Order speaker below. 8x18¾x10¼″. 115 VAC.
17 C 9045 U. Shpg. wt., 35 lbs. *$10 Monthly*......199.95
17 C 9245 X. R50 Speaker. 8⅜x8¼x9⅞″. 9 lbs........19.95

Hammarlund Amateur and Shortwave-Listener Receivers

NEW
at **ALLIED**

HQ-215 Solid-State Crystal-Controlled Amateur Receiver for 80 through 10 Meters

$\$529^{50}$
$23 monthly

- SSB, CW, AM, plus RTTY Modes
- 100-Hz-per-Hour Frequency Stability
- 100-Hz Dial Accuracy on All Bands

Sensitivity of 0.5 µV for 10 dB S/N, plus extraordinary selectivity. Choose SSB (USB/LBS), CW, AM, RTTY. Crystals for 80-15 meter Ham bands and 28.5-28.7 MHz on 10 meters. Accepts 13 optional crystals (Special Order) to select any 200 kHz segment from 3.4-30.2 MHz. Has 2.1 kHz mechanical filter—space for 2 optional filters (Special Order), switch selected. Variable BFO, AGC. "S" meter, noise limiter, crystal calibrator. Provision for transceive use. 40 semiconductors. $6\frac{13}{16}$x$15\frac{13}{16}$x14". 115/230 VAC/12 VDC. Speaker below.
17 C 9661 U. Shpg. wt., 26 lbs. *$23 Monthly*......529.50
17 C 9662 X. Matching Speaker. Shpg. wt., 7¼ lbs....24.95

HQ-180AC Superb Receiver for AM/CW/SSB With 100-kHz Crystal Calibrator

$\$494^{95}$
$21 monthly

- Covers 540 kHz-30 MHz in 6 Bands
- Crystal Filter for Sharp Selectivity
- Accurate Built-In 24-Hour Clock-Timer

Professional-quality receiver tunes 540 kHz through 30 MHz in 6 bands with bandspread for 10-80 meter Ham bands. Has linear product detector, selectable sidebands. Operates triple conversion above 7.85 MHz, dual conversion below . . . crystal-controlled 2nd converter. Selectivity adjusts from 500 Hz to 6 kHz. Tunable slot filter for up to 60 dB attenuation. Sensitivity, 0.5 µV for 10:1 S/N ratio. Separate filament and accessory power supplies. Size, 10½x19x13". Order speaker below. For 115/230 volts, 50-60 Hz AC. Shpg. wt., 48¾ lbs.
17 C 9554 U. *$21 Monthly*..............................494.95
17 C 9656 X. S-200 Matching Speaker. 12 lbs..........24.95

Drake Amateur and Shortwave-Listener Receivers

Model 2C
$\$229^{00}$
$12 monthly

Model 2-C Triple-Conversion Receiver

Excellent triple-conversion receiver for Hams or more critical shortwave listeners. Covers 80, 40, 20, 15, 10 meters in 500 kHz ranges. Three bandwidths of selectivity are available (equivalent to three filters): 0.4, 2.4, 4.8 kHz at 6 dB. Has solid-state audio, product and AM detectors; crystal oscillator; AVC switch (fast, slow, off); "S" meter; 19 tubes and semiconductors. Rear-panel jacks for antenna, speaker, external muting and sidetone. 7x12x9". Matching speaker below.
17 C 9600 U. Shpg. wt., 13½ lbs. *$12 Monthly*..........229.00
17 C 9602 U. 2-CS Speaker. 7x10x9". 6 lbs. *$5 Monthly*......19.95

Model SW-4A
$\$289^{00}$
$15 monthly

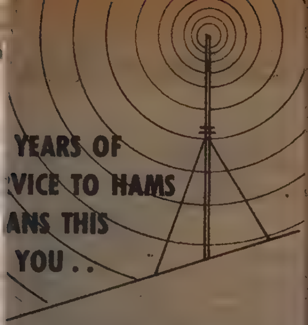
Model SW-4A International Shortwave Receiver

Dual-conversion receiver with ultra-precision tuning; crystal lattice filter; solid-state VFO, AF output, and power supply; crystal oscillator; amplified AVC; "S" meter; VU meter. Covers 0.15-1.5, 6-6.5, 7-7.5, 9.5-10, 11.5-12, 15-15.5, 17.5-18, 21.5-22, 25.5-26 MHz. Crystals supplied. These frequencies include European LF, American MF, and International SW broadcast bands. 5½x10¾x12¼". For 120/240 volts, 50-60 Hz AC. Matching speaker below. Shpg. wt., 19 lbs.
17 C 9537 U. *$15 Monthly*..............................289.00
17 C 9487 U. MS-4 Speaker. $5\frac{3}{8}$x10¾x$11\frac{3}{8}$". 8¾ lbs........19.95

2-Meter Converter
$\$69^{00}$
$5 monthly

Solid-State 2 and 6-Meter Converters

SC-2. Converts any general-coverage receiver to 2 meters. Covers 144-148 MHz. IF, 14-18 MHz. Two switch-selected crystals for reception of 144, 145 MHz segments of band for limited-coverage receivers. Requires 18 VDC at 40 mA. Converter output frequency for transceiver. Calibrator input. $6\frac{3}{8}$x$4\frac{3}{16}$x2½".
17 C 9610. Shpg. wt., 2 lbs. *$5 Monthly*..................69.00
17 C 9615. SC-6. Above, but covers 6 meters. 2 lbs..........64.50
17 C 9619. Power Supply. Delivers 18VDC@100 mA. 1½ lbs. 17.95
17 C 9622. SCC-1 100 kHz Crystal Calibrator. Usable to 432 MHz. Requires 18 VDC@20 mA. Wt., 1 lb. *$5 Monthly*........24.50



You Get Expert Service

Allied has been serving Amateurs since the earliest days of Ham adio. For the right station, call or write us for advice.

You Get Special Low Prices

Write Mail Order Amateur Sales Dept. for money-saving quote on Ham station or SWL outfit (2 or more items).

Choose from the Finest

Allied offers the best equipment available, priced for top value.

No Money Down, Low Payments

Outfit your station on Allied's Credit Fund Plan. Take up to two years to pay. See pages 4 and 5.

Outstanding Transceiver Values

Includes Crystals for Full Five-Band Coverage

$599.95

$25 monthly

Drake Model TR-4B Five-Band SSB/AM/CW Transceiver

World-famous, full-frequency coverage transceiver works all bands 80-10 meters. Input is 300 watts PEP on SSB, 260 watts CW, 260 watts PEP on AM. Offers VOX, PTT, solid-state VFO, CW sidetone oscillator, diode and product detectors, 100 MHz crystal calibrator, separate plate ammeter and "S" meter, dial accuracy of 1 kHz, many other features. Instant USB/LSB selection on all 5 bands. Automatic transmit/receive switching on CW for semibreak-in. Pi-network output. Connections for external receiver. 5½x10¾x14⅜". Order power supplies, accessories below.

17 C 9473 U. Shpg. wt., 19½ lbs. *$25 Monthly*....................599.95
17 C 9474 U. Model AC-4 115-VAC Supply. Wt., 16 lbs. *$5 Monthly*.....99.95
17 C 9475 U. Model DC-4 12-VDC Supply. Wt., 9 lbs. *$7 Monthly*......125.00
17 C 9476 U. Model RV-4 Remote VFO/5" Speaker. 11½ lbs. *$5 Monthly*. 99.95
17 C 9487 X. Model MS-4 5x7" Matching Speaker. 9 lbs. *$5 Monthly*.....19.95
17 C 9478 X. Model MMK-3 Mobile Mount. Shpg. wt., 1 lb................6.95

Hallicrafters SR-400 80-10 Meter SSB/CW Transceiver

799.95

34 monthly

- 400 Watts PEP SSB
- 360 Watts on CW
- 1 µV Sensitivity

ighly stable SSB/CW receiver and ansmitter covering 80-10 meters. ower input: 400 watts PEP on SSB, 0 watts CW. Sensitivity, 1 µV for 20 3 S/N. Built-in VFO. Receiver can tuned 3 kHz either side of transitting frequency without disturbing ansmitter tuning. VOX, PTT, 100 Hz crystal calibrator, crystal lattice ter. USB/LSB selection, CW and T"-notch filters, keyed CW sidene, noise blanker. 19 tubes, regulator be, 21 diodes. Variable pi-network. ⁄₂x15x13". Supplies below.

C 9247 Z. 26 lbs. *$34 Mo*...799.95
C 9240 U. AC Sup/Spkr. 29 lbs. 119.95
C 9238 U. DC Supply. 10 lbs.. 159.95

NEW
at ALLIED

Hallicrafters HA-20 VFO

$199.95

- Self Powered
- Stable, Accurate

For SR-400 and SR-2000 transceivers. Lets you select transmit and receive frequencies separated up to 500 kHz in any band segment. Provides choice of two transceive frequencies; or you monitor two receive frequencies separated by 5 kHz-500 kHz. 7x10⅝x8". 117 VAC. 11 lbs.

17 C 9248 U. *$10 Mo*... 199.95

Hallicrafters "Hurricane" SSB and CW Transceiver

$1095.00

$46 monthly

- 2000 Watts PEP SSB
- 1000 Watts CW
- 1 µV Sensitivity

Model SR-2000. Features 2000 watts PEP input on SSB, 1000 watts CW. 80-10 meters. Linear gear-drive VFO has readout to less than 1 kHz. Amplified Automatic Level Control gives peak compression and talk power. Receiver has adjustable noise blanker, incremental tuning, sensitivity of better than 1 µV for 20 dB S/N. Built-in VOX, PTT, break-in CW. Pi-network. RF output and "S" meters. 10⅝x7$\frac{3}{16}$x15⅛". Supply/speaker below. 30 lbs.

17 C 9241 Z. *$46 Monthly*... 1095.00
17 C 9242 Z. P-2000-AC Power Supply/Speaker. For 110/120 V, 50-60 Hz AC. Shpg. wt., 65 lbs. *$20 Monthly*. 450.00

Great Ham Equipment Values

Ideal for CD, MARS, RACES, Regular Ham

$850.00

$38 monthly

Drake TR-44B 80-10 Meter SSB/AM/CW Station

Consists of R-4B Receiver, T-4B Transmitter, and speaker in one cabinet. Tunes 3-30 MHz, except 5-6 MHz. Transmitter must be crystal controlled from 11-11.5 MHz. Receiver tunes 1.5-30 MHz. Provision for ten crystal-controlled channels and ten 500 kHz tunable ranges with 1-kHz dial accuracy. Transmit frequency can be different from receive by using crystal-controlled transmit and tunable receive. RTTY: VFO easily adaptable to FSK. Power Input: 120 watts PEP on SSB and AM, 120 watts DC on CW. Sensitivity: 0.5 µV at 10 dB S/N. Amplified fast or slow AVC. Antenna Impedance: 52 ohms. Audio Power: 1.5 watts. Ten tubes, 10 transistors, 2 integrated circuits, 17 diodes. $11\frac{1}{2}$x$10\frac{3}{4}$x$12\frac{1}{4}$". Order power supplies below. Shpg. wt., 30 lbs.

17 C 9471 U. *$38 Monthly*.......................................850.00
17 C 9474 U. Model AC-4 110/220-VAC Supply. 16 lbs. *$5 Monthly*...99.95
17 C 9475 U. Model DC-4 12-VDC Supply. 9 lbs. *$7 Monthly*........125.00

NEW at ALLIED

- Operates Crystal or VFO
- Antenna Changeover Relay
- Built-in CW Sidetone

$149.00

$8 monthly

Drake 2-NT CW Transmitter

Quality constructed, easy-to-tune CW transmitter puts you on the air in style. Covers 3.5-3.8, 7-7.2, 14-14.25, 21-21.25, 28-28.5 MHz, crystal or separate VFO. Operates break-in, semi-break-in, or manual. Input, variable to 100 watts. Automatic transmit switching puts transmitter on the air by closing key. Receiver-mute automatically silences receiver while you are transmitting. Spotting function lets you tune transmitter to receiver while not on the air. Low-pass TVI filter. Output Impedance, 52 ohms. Size, $6\frac{9}{32}$x$9\frac{7}{8}$x $9\frac{9}{32}$". For 120 V, 50-60 Hz AC.

17 C 9480 U. 15 lbs. *$8 Monthly*.......149.00

NEW at ALLIED

Drake L-4B 80-10 Meter Linear Amplifier

$750.00

$33 monthly

- 2000 Watts PEP SSB
- 1000 Watts DC CW
- Built-in Calibrated RF Wattmeter
- Separate Solid-State Power Supply

Delivers 2000 watts PEP on SSB; 1000 watts DC on CW, AM, RTTY. Drive: 100 watts PEP on SSB; 75 watts on CW, AM, RTTY. AGC. Efficient cooling system with quiet internal blower. Standby switch leaves L-4B on while you are working with exciter only. Internal antenna changeover relay. Vernier-drive plate tuning control. Two taut-band meters read plate current, grid current, plate voltage, forward and reflected RF power. Input/Output Impedances: 50 ohms, adjustable pi-network output. Two 3-500Z tubes. Amplifier, $7\frac{7}{8}$x$13\frac{15}{16}$x$14\frac{5}{16}$". Power Supply, $7\frac{7}{8}$x$6\frac{3}{4}$x11". 115/230 V, 50-60 Hz AC.

17 C 9605 Z. Shpg. wt., 85 lbs. *$33 Monthly*.......750.00

Hammarlund HXL-1 80-10 Meter Linear

$469.95

$20 monthly

- 2000 Watts PIP SSB
- 1000 Watts DC CW
- Built-in Solid-State Power Supply
- Internal DC-Operated Antenna Relay

Self-contained linear amplifier delivers 2000 watts Peak Input Power on SSB, 1000 watts DC on CW, 500 watts DC on AM, 850 watts DC on RTTY. Requires 70-100 watts drive for full output. High-efficiency blower keeps final tubes cool for long operating life. Built-in DC-operated antenna relay for chatter-free operation. Circuits monitored by multi-purpose meter providing all you need for proper tuning. Input-Output Impedances: 50 ohms, pi-network coupling to antenna. Two 572-B final tubes. Instant power to final amplifier, no waiting for warmup. $9\frac{1}{8}$x17x$9\frac{1}{2}$". For 117 VAC. Shpg. wt., 66 lbs.

17 C 9485 Z. *$20 Monthly*..........................469.95

Deluxe Ham Transmitters, Receivers

NEW at ALLIED

ıke T-4XB Transmitter

49⁰⁰ • 160-10 Meters • SSB, AM, CW, RTTY
) monthly • Transceive Switch

ıity transmitter covers 80, 40, 20, neters and 28.5-29 MHz of 10 ers; 160 meters with accessory tal. 500 kHz ranges between 1.8-30 z are also available. Power Input: watts PEP on SSB and AM, 200 s DC on CW. Solid-state VFO. C. USB/LSB selection. Semik-in on CW; sidetone. VOX, C. Relative output/plate current er. High-impedance mike input. hm adjustable pi-network. 5½x x11⅝". Supplies below.

9231 U. 20 lbs. *$20 Mo.* **449.00**
9474 U. 110/220 V, 50-60 Hz AC er Supply. 22 lbs. *$5 Monthly* **99.95**
9475 U. 12 VDC Power Supply. 9 *$7 Monthly*..............**125.00**

Drake R-4B Receiver

$430⁰⁰ • For 160-10 Meters • SSB, AM, CW, RTTY
$19 monthly • Transceive Capability

Dual-conversion receiver covering 80, 40, 20, 15 meters and 28.5-29 MHz of 10 meters; also 160 meters and any ten 500-kHz ranges between 1.5-30 MHz with accessory crystals. Solid-state VFO. Four bandwidths: 0.4, 1.2, 2.4, 4.8 kHz. Off/on, fast, slow AVC. Transceive capability. 25-kHz calibrator permits working closer to band edges. Sensitivity: 0.5 μV for 10 dB quieting. Input Impedance: 52 ohms. 6x11x11". For 120/240 VAC. Order speaker below.

17 C 9498 U. 19¾ lbs. *$19 Mo.* **430.00**
17 C 9487 X. **MS-4 Matching 5x7" Speaker.** 8¾ lbs. *$5 Monthly*.........**19.95**
17 C 9232 U. **T-4B Transmitter.** Transceives with R-4B. 6x11x11"....**395.00**

HALLICRAFTERS

T-46 SSB/CW Transmitter

395⁰⁰ • 180 Watts PEP SSB • High-Stability VFO
8 monthly • 52-Ohm Pi-Net Output

oular transmitter offers all you ıld want for a fine-quality station. vers 80-10 meters with built-in n-stability VFO with 500 kHz 180-t PEP filter input on SSB, 150 ts on CW. Can be "slaved" to SX- receiver. Grid-block CW keying. B/LSB via 9-MHz quartz filter. te-current/relative output meter; ss-to-talk; automatic amplifier level trol. Self-contained solid-state ver supply for 110-120 V, 50-60 Hz . 5⅞x13⅛x11". 26 lbs.
C 9244 U. *$18 Monthly*....**395.00**

SX-146 Amateur Receiver

$295⁰⁰ • New HF Quartz Filter System • BFO, ANL, S-Meter
$15 monthly

Bring new excitement into your shack with this fine high-quality receiver. 80-10 meter coverage in eight 500-kHz segments. Ten-meter crystal for 28.5-29.0 MHz supplied. 2.1-kHz high-frequency quartz filter supplied. Stable conversion oscillator chain. Order speaker below. 5⅞x13½x11". 105-125 V, 50-60 Hz AC. 20 lbs.

17 C 9044 U. *$15 Monthly*....**295.00**
17 C 9042 U. **R-51 Spkr. w/Digital Clock.** 8½x8⅜x9⅞". Wt., 8½ lbs.......**39.95**
17 C 9245 X. **R-50 Speaker.** Similar to R-51, without clock. 8 lbs.......**19.95**

Ameco Ham Equipment for Novice or Old Timer

6- and 2-Meter Transmitter

$159⁹⁵ • 75 Watts Input • Uses 621 VFO • 7984 Final
$8 monthly

Model TX-62. Covers 50-54 and 144-148 MHz. 75-watt CW, peak AM input. Broad-banded, tunable final plate; tunable loading capacitors. Solid-state supply. Meter for final cathode and grid currents, relative RF output. Audio gain control. Jack for mike, key; connections for key and relay. Takes 8-MHz crystals or VFO. 6x11½x9½". 117 VAC. 21 lbs.
17 C 6321 U. *$8 Mo.*..**159.95**

NEW at ALLIED

General Coverage Receiver

$89⁹⁵ • Solid-State • 540 kHz-54 MHz • Noise Limiter
$5 monthly

Model R5. Continuously tunes 540 kHz through 54 MHz in 5 bands. Covers standard AM broadcast, Amateur, and foreign bands; 27-MHz CB channels; 2-way radio from 30-50 MHz, including police and fire broadcasts. Bandspread tuning. ANL and BFO. Size, 6x12x9". For 117 V, 60 Hz AC. Shpg. wt., 12 lbs.
17 C 6323 U. *$5 Monthly* **89.95**

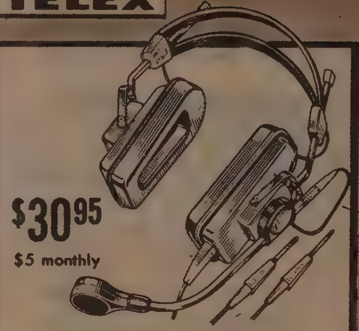
VFO for 6, 2, 1.4 Meters

$64⁵⁰
$5 monthly

Model 621. Stable VFO for 50, 144, 220 MHz. For transmitter using 8-MHz crystals. 6x5x7½". 117 VAC. 7 lbs.
17 C 9046. *$5 Monthly*, .**64.50**

TELEX

Telex Headphones, Headsets

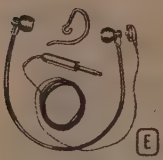


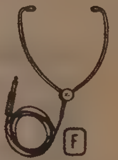
$30^95

$5 monthly

1200-42 Deluxe Dual Headset with Boom Mike

Meets all requirements for language-lab use. Dynamic headset response, 20-20,000 Hz; dynamic noise-cancelling mike response, 100-8000 Hz. Imp.: headset, 600 ohms; mike, 300 ohms. 5′ cord, ¼″ plugs.
17 C 6393 1 lb.. *$5 Monthly*. . . .30.95
17 C 6394. Model 1210-04. Above, less mike. Shpg. wt., 12 oz. 21.95
17 C 6395. Model ACV-3 Foam Earcushions. Gray, washable. 2 oz. **Pair 1.50**



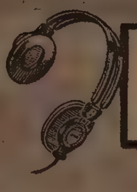


E "Tele-Fi" Headset

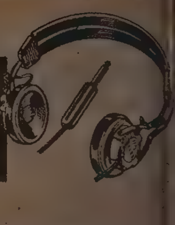
Under-the-chin headset delays sound to one ear for better clarity. Response: 60-6000 Hz. Earloop for one-ear listening. 5′ cord, ¼″ phone plug. Wt., 1 lb.
17 C 6149. Model HFR-91. 15 ohms. . . .5.95
17 C 6154. Model HFY-91. 2000 ohms. .5.95
17 C 6216. Replacement Cord. 3 oz. . . .2.25

F HMY-2 Secretary's Monoset

Weighs only 1.2 oz. Worn under chin for convenience; keeps headset cord from getting in the way. Ideal for use in transcribing from office dictation equipment. Has magnetic element, metal housing, removable earplugs. Response: 50-5000 Hz. 2000-ohm imp. 5′ cord, ¼″ phone plug. Maximum input, 25 mW. Replacement cord; "Tele-Fi," above.
17 C 6184. Shpg. wt., 8 oz. 7.95



Quality Headphones
for Amateurs, CB,
Shortwave Listeners
and Language Labs

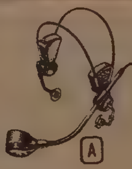


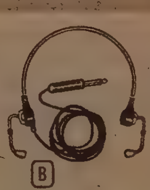
Dual Headphones

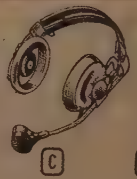
Low-cost headphones provide faithful sound reproduction. Lightweight, comfortable; adjust to fit anyone. Removable ear cushions. Choice of 2000-ohm, or 600-ohm impedance. 5′ cord, ¼″ phone plug. 1 lb.
17 C 6220. 2000 Ohms. 6.95
17 C 6221. 600 Ohms. 6.95

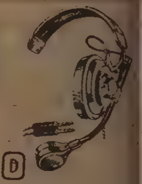
HS-2000 "Teleset" Phones

High-quality dual headset is ideal for Amateurs, CB'ers, shortwave listeners, others. Magnetic element for speech clarity. Adjustable spring-type stainless steel headband. Response: 50-10,000 Hz. Imp.: 2000 ohms. 5′ cord, ¼″ phone plug.
17 C 6070. Wt., 8 oz. 14.95









A Headset with Boom-Mike

BMH-1. Comfortable, lightweight (only 3½ oz.) headset. For aircraft pilots, ship-to-shore radio operators, television, radio and switchboard use. Tone arms pipe sound to ears. Boom rotates 300°. Single cord allows freedom of movement. Headset impedance, 500 ohms. 50-ohm noise-cancelling carbon mike. 5-ft. cord with two ¼″ phone plugs. Shpg. wt., 1 lb.
17 C 6063. *$5 Monthly*. 37.25

B "Twinset" Headphones

HTW-2. Perfect headset for pilots, Hams, CB'ers, TV and radio crewmen, language labs, secretaries. Lightweight and comfortable. Sound is fed directly into ears through adjustable arms. Background sounds remain intelligible. Magnetic receiver elements rest at temples. Weighs only 1.6 oz. 5′ cord, ¼″ phone plug. 500 ohms.
17 C 6262. Wt., 10 oz. 14.50
17 C 6047. Model HTX-2. As above, but 1000 ohms 14.50

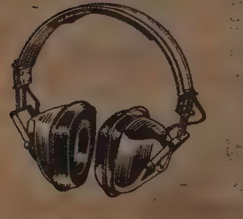
C Dual Headset, Boom Mike

MRB-45. "Magna-Twin" Mark III. Designed for use in general communications. Magnetic headset elements have 50-10,000 Hz response. Carbon boom-mike, 50-6000 Hz. Headset 500-600 ohms; mike, 20 ohms. ¼″ phone, mike plugs. 2 lbs.
17 C 6062. *$5 Monthly*. 30.95
17 C 6051. Model MR-6. Headset less mike. 500-600 ohms. 1 lb. 18.95
17 C 6053. Model MR-4. Headset less mike. 10,000 ohms. 1 lb. 18.95

D Single Phone, Boom Mike

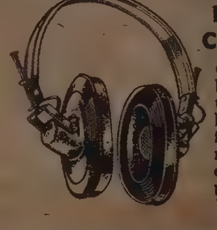
MRB-75. "Magna-Twin" Mark III. Versatile headphone/mike for professional use. Magnetic headset element has response of 50-10,000 Hz; carbon boom mike, 50-6000 Hz. Impedances: headset, 500-600 ohms, mike, 20 ohms. Mike boom cannot accidentally rotate mike out of position. With 5′ cord with ¼″ phone plugs. Gray. Wt., 1 lb.
17 C 6390. *$5 Monthly*. 24.95
17 C 6391. Model MR-11. Less mike. 500-600 ohms. 1 lb. 12.50

Superex General-Purpose and Language Lab Headphones



Headset for Language Lab and Communications Use

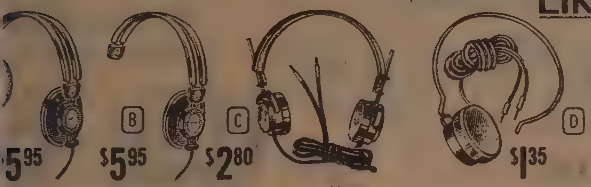
AP-S. Lightweight headset for prolonged use. Vinyl-covered ear cushions. Response: 80-12,000 Hz. Factory connected for hi-impedance 600-ohm output. Leads may be changed to 4-16 ohms. 7′ 4-cond. cord, ¼″ plug Wt., 3 lbs.
17 C 6302. *$5 Monthly*. . . . 24.95



New "Communicator" Communications Headset

COM-S. Extremely sensitive headset for all communications use. Fully adjustable headband; vinyl-covered foam filled cushions. Dynamic elements. 100-10,000 Hz. 4-16 ohms. 7″ 2-cond. cable, ¼″ plug.
17 C 6309. Wt., 1 lb. 13.95

Big Values in Headphones and Accessories



Deluxe Dual Headphones

lent quality for Amateurs,
s. Lightweight, vinyl-covered
e headband. Adjustable ear-
; with removable cushions.
y-duty 5-foot cord with stand-
¼" phone plug. Gray color.
wt., 1 lb.
227. 2000 Ohms. 5.95
226. Above, 8 ohms. 1 lb. 5.95

Deluxe Single Headphone

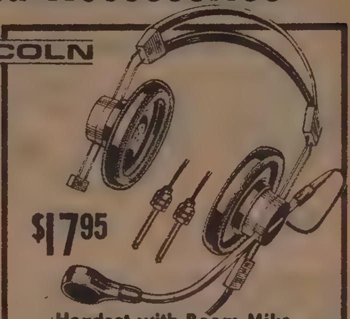
nonitoring and other uses. Per-
or mobile CB, since some States
t only a single mobile phone.
-covered headband, removable
ushion. 1000 ohms. 5′ cord,
ard ¼" phone plug.
228. Shpg. wt., 1 lb. 5.95

C Low-Cost Dual Headphone

General-purpose for Amateurs, shortwave listening. Vinyl-covered adj. headband. Hyflux Alnico magnets. 1⅞" diaphragm. 4½-foot cord with phone tips. Terminals inside earpiece.
17 C 6083. 2000 Ohms. 1 lb. 2.80
17 C 6215. Above, but 11 ohms. With standard ¼" phone plug. 1 lb. . 3.25

D Low-Cost Single Headphone

Dependable headphone for hard-of-hearing use, receiver and crystal set monitoring, other applications. 1⅞" diaphragm. 4½′ cord, phone tips. Spring-metal headband, permanently attached. 1000 ohms.
17 C 6085. Shpg. wt., 8 oz. 1.35



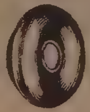
Headset with Boom Mike

- Earcushions Block Outside Sound
- Sensitive Ceramic Boom Mike

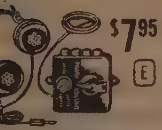
Lightweight dual headset with boom mike for Hams, CB'ers, language labs, others. Earpieces have extra-heavy-duty magnets for clear voice reproduction. Vinyl-covered headband. Removable, washable ear-cushions. Sensitive mike has ceramic element. Cord has phone plug for Hi-Z mike and 2000 ohm headset. Gray.
17 C 6230. Wt., 1½ lbs. 17.95

Low-Cost Headphone Accessories

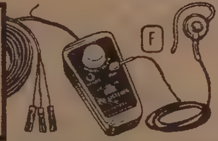
Vinyl Earcushions. Ear-encompassing—reduce external noises to a minimum. Fit standard earpieces. Provide maximum comfort for long hours. Washable vinyl covering. Shpg. wt., 2 oz.
17 C 6203. . . . . Per Pair 70¢



Rubber Earphone Cushions. Provide comfortable listening over long periods and reduce external noise. Fit standard earpieces. 3 oz.
17 C 6103. 1-9 Pairs. . . . . Per Pair 65¢
10 or More Pairs . . . . Per Pair 60¢



Stop TV or HI-FI Blaring with "Private Listeners"



Cannon Headphone Set

vs you to listen privately. Also
be operated with speaker. Aids
-of-hearing. Control box has
ne control and speaker/phones
h. Includes dual headset, con-
box, 15′ cord.
6135. Wt., 2 lbs. 7.95

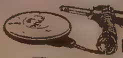
Fedtro Earphone Set

illus.) Control box has vol.
rol, 17′ cable, 2 jacks, 1 jack
s speaker for earphone listen-
other for earphone with speaker.
6217. Wt., 1 lb. Japan. . . . 5.10

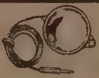
F Telex Private Listener

LCP-93. For private TV, radio, mono hi-fi listening. For hard of hearing, too. Volume control. Jacks for 2 earpieces—one is for standard ¼" phone plug. 15′ cord with miniature plug. 1 earpiece.
17 C 6231. Shpg. wt., 1 lb. 9.50

LCP-90. Similar to above, but has jack for miniature plug. Includes on-off speaker switch. 15′ cord with spring clips. 1 earpiece.
17 C 6234. Shpg. wt., 1 lb. 9.95
17 C 6281. Ex. Earpiece. ¼ lb. . . 2.95



Pillow Speakers

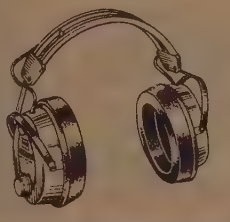


G Thoro Test PS-8. Audible only to the user. Allows private listening anywhere. May be used with transistor radios, or across voice coil leads with other speakers. Impedance, 8 ohms. With 6′ cord and miniature phone plug. ⅝x2¼".
17 C 6092. Shpg. wt., 6 oz. . . . 3.95

H Telex SDN-2A. Provides outstanding sound fidelity for private listening through a pillow or held close to the ear. VA hospital approved. Stainless steel, easily sterilized. Dynamic speaker has handy hanger ring. 3.2 ohms impedance. Insulated: 1⅛x3¾". 5′ cord, std. ¼" phone plug.
17 C 6246. Shpg. wt., 12 oz. . . . 6.95

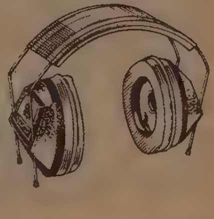
ALLIED H-876 Deluxe
ereo Hi-Fi Headphone

ides amazing channel sepa-
n and realism. Features in-
ual vol./balance controls
ch earcup. Foam earcush-
block out external noise.
stable headband. Cush-
headband are washable.
,000 Hz. Imp.: 3-16 ohms.
ord, standard ¼" phone
Wt., 1¼ lbs.
9508. *$5 Monthly*. 19.95



ALLIED H-878 Low-Cost Stereo Hi-Fi Headphone

Large 3½" transducers in each earcup surround listener with full-dimensional music. Vinyl earcups remove for cleaning. Adjustable vinyl-covered foam rubber headband. Charcoal gray. Response: 30-15,000 Hz. Impedance: 3-16 ohms. 8′ cord and standard ¼" phone plug. Shpg. wt., 1¼ lbs.
20 C 9579. . . . . 11.95

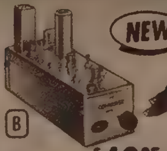


Pages 101 to 102 for Stereo High-Fidelity Headphones

Values in Ham Accessories for Your Station

Ameco Nuvistor Converters and Preamplifiers

$\$13^{95}$



NEW

$\$49^{95}$

$\$49^{95}$

$\$33^{95}$

A **Ameco PV-50 Nuvistor 6-Meter Preamp.** Boosts gain and reduces noise when used ahead of your converter, receiver, or transceiver. Uses 6CW4 high-gain nuvistor. Two tuned circuits for good image and spurious-signal rejection. Gain, over 20 dB. Requires 100-150 V at 10 mA, 6.3 V at 150 mA.
17 C 9692. 2½x2x3¼". 1 lb. 13.95

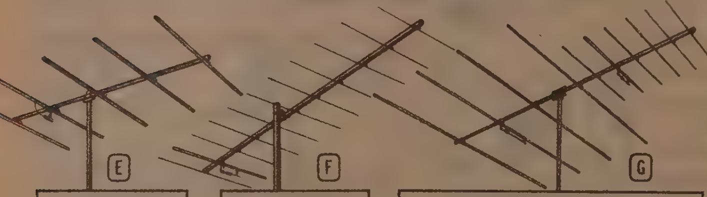
B **Ameco CN-144W Nuvistor 2-Meter Converter.** Three nuvistors, plus one tube, for high gain and low noise. Image and spurious-signal rejection better than 70 dB. IF rejection better than 100 dB. Requires 100-150 V at 30 mA and 6.3 V at 1 amp, or PS-1W supply below. 2x2½x6¼".
17 C 9688. 2 lbs. *$5 Monthly* . . . 49.95

Ameco PS-1W Power Supply. (Not illus.) 110 VAC. For PV-50, CN-144 W. 2½x4½x4½". Shpg. wt., 4 lbs.
17 C 9695 . . . . 12.95

C **Ameco PT All-Band Frame-Grid Preamp.** A 6-160 meter preamp for use with transceivers. Continuous tuning. Frame-grid pentode handles strong signals, maintains low noise level. Greatly improves receiver sensitivity. Transfer circuit bypasses preamp during transmission. Provision for feeding antenna input and muting a second receiver. 5½x3¼x3". 110-120 V, 50-60 Hz AC. Shpg. wt., 5 lbs.
17 C 9689. *$5 Monthly* 49.95

D **Ameco PCL-P Nuvistor All-Band Preamp for 6 Through 160 Meters.** Two nuvistors in cascade for noise figures of 1.5 to 3.4 dB, depending on band. Boosts weak-signal performance of any receiver. Overall gain, better than 20 dB. Built-in power supply for 110-120 V, 50-60 Hz AC. Size, 5½x3¼x3". Shpg. wt., 2 lbs.
17 C 6612. *$5 Monthly* 33.95

Cush-Craft High-Performance VHF Antennas



5-Element 6-Meter Beam

11-Element 2-Meter Beam

5-Element-per-Band 6 and 2-Meter Beam

E **A50-5 6-Meter Beam.** Five-element, all-aluminum 50-MHz beam provides 9.5 dB gain, excellent pattern control, and high F/B ratio. Mounts horizontally or vertically. Boom, 12'. Driven element for 52 or 72 ohms. For masts up to 1⅝". Shpg. wt., 14 lbs.
17 C 9572 ZW. *$5 Monthly* 21.50

17 C 9573 X. A55-SK Stacking Kit. For stacking two A50-5 beams. Adds 3 dB. Shpg. wt., 2 lbs. 4.95

F **A144-11 2-Meter Beam.** Eleven-element aluminum array provides 13 dB gain, 28 dB F/B ratio. Can be mounted horizontally or vertically. Boom, 12'. Solid elements. Driven element for direct 52 or 72-ohm coaxial feed. For masts to 1½".
17 C 9574 ZW. Shpg. wt., 8 lbs. . . 14.95

17 C 9575 X. All-SK Stacking Kit. For stacking two A-144-11's. 2 lbs. . . 4.95

G **Model A26-9 6- and 2-Meter Beam.** Get a better signal with present power. A good antenna makes the big difference. Excellent gain and front-to-back ratio. A no-compromise dual-band VHF beam with separate elements on 6 and 2 meters. Engineered for minimum interaction between sections to provide maximum operating efficiency. Ideal for limited space.

Boom and 6-meter elements are of thick-wall, seamless, bright aluminum tubing; the 2-meter elements are $\frac{3}{16}$" solid aluminum rod, preassembled on the boom.

Driven elements are "Reddi Match" for direct 52 or 72-ohm coaxial feed and 1:1 SWR. Uses two separate coaxial transmission lines. Shpg. wt., 16 lbs. Express.
17 C 9571 ZW. *$5 Monthly* 29.95

Model AM-26 6 and 2-Meter Mobile Halo. Single feed line. No tuning or switching needed. 52-ohm match. With 9' telescoping mast.
17 C 9579 X. Shpg. wt. 5 lbs. 18.95
17 C 9580 X. AM-2M. Halo for 2 meters. With 9' mast. 4 lbs. . . 9.95
17 C 9581 X. AM-6M. Halo for 6 meters. With 9' mast. 4 lbs. . 13.95

CDR Beam Antenna Rotator Systems

TR-44
Series III
Rotator

$\$69^{95}$

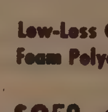
$5 monthl

CDR TR-44. Rotator has 48 hea duty bearings in two 6½" b races. Average torque, 450 in pounds. Indicator calibrated compass points and 3° incremen Readable with motor off. For ma up to $2\frac{1}{16}$" O.D. Order 8-conduc cable below. For 110-120 V, 50 Hz AC. 19 lbs.
17 C 9481 X. *$5 Monthly* 69

55 C 7536. Belden 8448 8-Conduc Cable. 100-ft. coil. 5 lbs. 7

CDR HAM-M. (Not illus.) Ext heavy-duty rotator, supports o 1000 lbs. Indicator as above. conductor cable below. 25¾ l
17 C 8025 U. *$7 Monthly* . . . 129

55 C 7536. Belden 8448 8-Conduc Cable. 100-ft. coil. 5 lbs. 7



5-Position 1-kW Coax Switch

$\$8^{95}$
- 80-10 Met
- Five Positio

Two-pole, 5-position coax swit rated 1 kilowatt, 80 through meters. Wt., 3 lbs.
17 C 6444 8

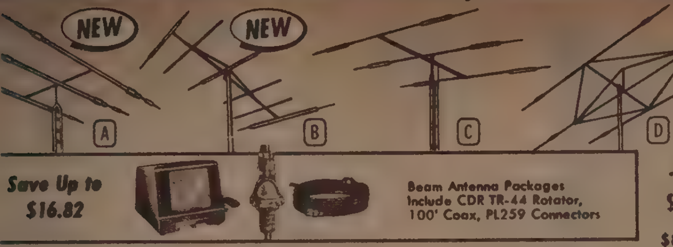
Low-Loss Coaxial Cable with Foam Polyethylene Dielectric

$\$8^{50}$
50' Coil

- For Ham, CB, Commercial Use
- Handles Up to 2 Kilowatts
- Minimum Attenuation
- PL-259 Connector on Each End

High-quality RG-8U cable at e ceptionally low cost. Ideal for Ha or CB'er. Features low-loss foa polyethylene insulation for mi mum attenuation at high freque cies and a premium, Type II, no contaminating PVC jacket th even allows burial. You'll get mo power to your antenna by replaci your old, higher loss line. 50-oh impedance, and handles up to 20 watts of RF below 30 MHz. Tou weather-resistant black vinyl jac et. Amphenol PL-259 coaxial co nector at each end.
17 C 8519 50' Coil. 7 lbs. . . . . . . 8.
17 C 8522. 100' Coil. 11 lbs. . . 13.

elected Amateur Beams, Towers and Accessories



Save Up to $16.82

Beam Antenna Packages Include CDR TR-44 Rotator, 100' Coax, PL259 Connectors

-gain "Thunderbird" Beams

TH-3Jr "Thunderbird Junior Tri-Bander" Package. Three-element beam 10, 15, and 20 meters. Rated watts PEP. 12' 8" turning radius. R TR-44 Rotator, 100 ft. RG8/U x, two PL259's. 59 lbs.
C 0017 L3Z. *$8 Monthly*.....154.95

C 9472 ZW. TH-3Jr Beam Antenna ne. Shpg. wt., 28 lbs..........84.50

TH3MK3 "Thunderbird Tri-Bander" Package. Three-element beam for 15, and 20 meters. Improved ver- of TH3MK2. Handles maximum l power. 14-ft. boom; longest ele- nt, 28-ft.; turning radius, 14' 8". R TR-44 Rotator. 100 ft. RG8/U x, PL259's. 67 lbs.
C 0006 L3Z. *$10 Monthly*.....197.95

C 8755 ZW. TH3MK3 Beam Antenna ne. Shpg. wt., 36 lbs..........124.95

TH-6DXX "Super Thunderbird Tri-Bander." 1 kW beam. Improved ver- of TH-6DX. Gain, 8.7 dB on 10, and 20 meters. "HY-Q" traps. om, 24 ft. Longest element, 31 ft. rning radius, 26 ft. *Requires HAM- Rotator (facing page).* Wt., 60 lbs.
C 6605 ZW. *$8 Monthly*.....159.95

Mosley Beam Antennas

C TA-33Jr Beam Package. Trapmaster for 10, 15, 20 meters, CDR TR-44 Rotator System, 100 ft. RG8/U, 2 PL259's. 1000 W. PEP. Boom, 12'; turning radius, 14' 9".
17 C 0794 L3Z. 59 lbs. *$8 Mo*....151.38

17 C 8787 ZW. TA-33Jr Beam Antenna Alone. Wt., 28 lbs. *$5 Monthly*...84.30

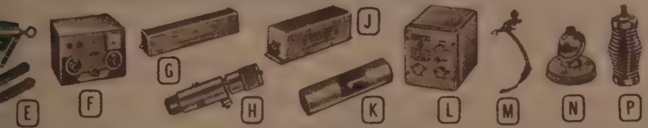
17 C 8329 X. MPK-3 Conversion Kit. For TA-33Jr, TA-31Jr, TA-32Jr—boosts rating to 750 watts AM, 2 kW PEP. Shpg. wt., 10 lbs. *$5 Monthly*...28.56

C Classic 33 Beam. Larger version of TA-33. Rated 1 kW. Gain 8 dB; F/B ratio, 20 dB. SWR, 1.5:1 or less. Longest element, 27 ft.; boom, 18 ft.; turning radius, 16 ft. *Requires CDR HAM-M Rotator.* Shpg. wt., 47 lbs.
17 C 9496 ZW. *$7 Monthly*.....131.95

D MP-33 "Tig-Array" Beam. Three-elements. 750 watts AM, 2 kW PEP on 10, 15, 20 meters. Gain, 8 dB; F/B ratio, 20 dB; SWR, 1.5:1. Turning radius, 15 ft. 28 lbs.
17 C 8330 ZW. *$5 Monthly*.......95.83

17 C 8328 X. TA-40KR 40-Meter Converter Kit. For Classic 33, MP-33. Shpg. wt., 10 lbs. *$5 Monthly*.........51.71

Useful Amateur Station and Antenna Accessories



Hy-gain C1 Center Insulator. For doublet antennas. Takes ¼-in. or in. coax. Less insulators below.
C 8351. Shpg. wt., 1 lb..........4.95

17 C 6249. End Insulators. 7-in. long. Less C1 above. 1 lb.....Pair 2.95

Johnson 250-23-3 Matchbox. 52 ohms to 25-1500 ohms balanced, 25-3000 ms unbalanced. SWR meter. TR y. Rated 750 W PEP. Wt., 15 lbs.
C 9527 X. *$5 Monthly*..........94.95
C 9528 U. Above, 3 kW PEP. 154.50

Bud LF-601A Low-Pass Filter. Rated 1 kW, 80-10 meters. Cutoff at 42 Hz. 52-72 ohms.
C 8457. Shpg. wt., 3 lbs......23.60

Cush-Craft "Blitz-Bug" Coax Lightning Arrester. Prevents coax punctures m high SWR. Type 83 connectors.
C 8044. Shpg. wt., 4 oz.........3.95

Drake TV-1000-LP Low-Pass Filter. Rated 1 kW, 80-10m; 200 watts on . Cutoff at 52 MHz. 52-ohms.
C 8455. Shpg. wt., 2 lbs......16.95

K Johnson 250-20 Low-Pass Filter. Rated 1 kW, 80-10 meters; 200 watts on 6 meters. Down 75 dB at 54 MHz. 4 lbs.
17 C 9525......................14.95

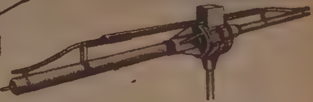
L Johnson 250-39 TR Switch. Switches antenna between receiver and transmitter. Rated 4 kW. Needs no tuning. Coax fittings. For 115 V, 50-60 Hz AC. Shpg. wt., 5 lbs.
17 C 8305. *$5 Monthly*..........29.95

M Bumper Mount. Stainless steel. Fits any size bumper. No holes to drill. Shpg. wt., 3 lbs.
17 C 6606.......................6.95

N Body Mount. Durable stainless steel mounting with standard ⅜"-24 fitting. Shpg. wt., 3 lbs.
17 C 6607.......................7.95

P Heavy-Duty Stainless Steel Whip Spring. For any size whip antenna. Standard ⅜"-24 fittings. Will keep its tension with the roughest use. Shpg. wt., 2 lbs.
17 C 6609.......................7.25

New-Tronics "Cliff-Dweller"



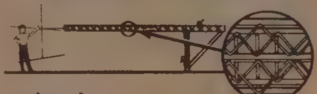
$159.95
$8 monthly

- Small Rotatable Dipole
- Covers 40-75 Meters

CD-40-75 "Cliff-Dweller" Antenna. Remotely tuned, rotatable dipole for 40 and 75 meters. Specially designed for use where antenna space is limited. No traps or baluns needed, no special matching requirements. Can be fed with any length of coax. Handles a full kilowatt, with SWR of 1.1 to 1 or less across the entire band. Has variable feedpoint.

Two motors and gear trains operate the tunable elements; separate motor handles bandswitching. Constructed of heat treated and chrome plated brass tubing. Mounts on 1¼" threaded pipe. Motor housings are iridited diecast aluminum. Resonators and housings are completely waterproof. Element length, 26' to 31'6"; turning radius, 15'8". Includes remote control box. Shpg. wt., 58 lbs. *Shipped Express from Factory, Cleveland, Ohio—No COD—Allow 30 Days.*
17 C 6141 L3ZF. *$8 Monthly*...159.95

E-Z Way Heavy-Duty Tiltover Towers with Mounting Accessories



Low As $159.00
$8 monthly

- Galvanized Steel
- Diagonal Bracing
- Built-in Ladders

Towers designed for the Ham and his beam. Simple to install—and they tilt over for easy antenna adjustment. Require no guy wires. Choice of "Wonder Ground Post" or building attachment kit. Installs with post-hole digger, no concrete needed. Specify antenna rotator to be used. Towers shipped prepaid from Tampa, Florida. Send remittance with cash orders—no C.O.D. Free literature available—ask for Stock No. 17 C 8829.

Towers with Building Attachment Kit

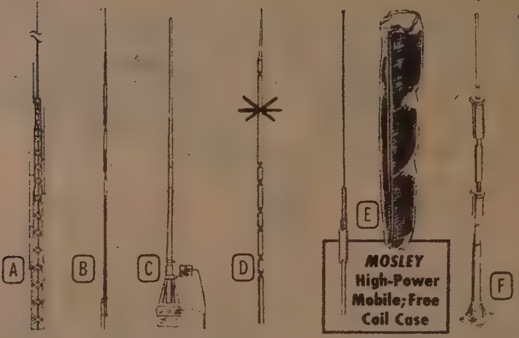
Stock No.	Type	Ht.	*Ant.	EACH
17 C 8838 ZF	BHD-40	40'	3.4	159.00
17 C 8839 ZF	BRBS-40	41'	7.2	247.50
17 C 8840 ZF	BRBS-50	51'	7.2	321 00
17 C 8841 ZF	B6046	60'	3.4	292.00
17 C 8842 ZF	BRBX-60	60'	7.2	480.50

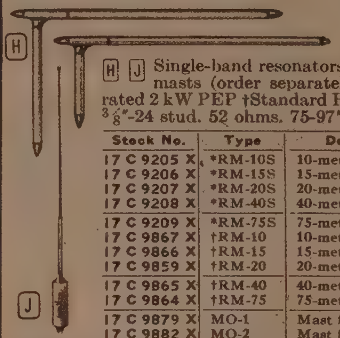
Towers with Wonder Post for Tiltover

Stock No.	Type	Ht.	*Ant.	EACH
17 C 8843 ZF	WHD-40	40'	3.4	208.00
17 C 8844 ZF	WRBS-40	41'	7.2	320.00
17 C 8845 ZF	WRBS-50	51'	7.2	438.00
17 C 8846 ZF	W6046	60'	3.4	364.50
17 C 8847 ZF	WRBX-60	60'	7.2	596.50

*Maximum square feet in 60-mph wind with no guy wires.

Fixed/Mobile Ham Antennas..Station Accessorie





New-Tronics Hustler Mobiles

H J Single-band resonators and foldover 54-in. masts (order separately). *Super Hustler rated 2 kW PEP †Standard Hustler, 400 W. PEP. 3/8"-24 stud. 52 ohms. 75-97" high. 1½ lbs.

Stock No.	Type	Description	EACH
17 C 9205 X	*RM-10S	10-meter resonator	11.50
17 C 9206 X	*RM-15S	15-meter resonator	13.50
17 C 9207 X	*RM-20S	20-meter resonator	15.50
17 C 9208 X	*RM-40S	40-meter resonator	19.50
17 C 9209 X	*RM-75S	75-meter resonator	24.50
17 C 9867 X	†RM-10	10-meter resonator	7.50
17 C 9866 X	†RM-15	15-meter resonator	8.50
17 C 9859 X	†RM-20	20-meter resonator	9.50
17 C 9865 X	†RM-40	40-meter resonator	11.50
17 C 9864 X	†RM-75	75-meter resonator	13.50
17 C 9879 X	MO-1	Mast for fender mtg.	8.95
17 C 9882 X	MO-2	Mast for bumper mtg.	8.95

Model BIU

Ameco BIU Bridge Indicator Unit

SWR, percentage of power, percentage of voltage on 3 scales when used with Model SWB below or other bridge. 100-uA, 2⅛" square meter. 3x5x2¾".
17 C 9082. Shpg. wt., 1 lb. 15.95

Model SWB

Ameco SWB Standing Wave Bridge

SWR from 1.8-225 MHz. 1 kW. Can be left in line. No line loss. With two SO-239 connectors. 2¼x4½x1⅝".
17 C 9081. Shpg. wt., 1 lb. 9.95

Amateur and Special-Purpose Crystals

Peterson PR-Type Z-9C Transmitting Crystals. Pin spacing, .486". Pin dia., .093". Tolerance, ±.03%. Black phenolic holder. Size, 1⅛x13/16x7/16". Specify frequency; supplied within ±5 kHz. Wt., 3 oz.

Stock No.	Frequency (kHz)	Stock No.	Frequency (kHz)	EACH
17 C 9379 CS	1800-2000	17 C 9403 CS	7000-7334	2.95
17 C 9381 CS	3500-4000	17 C 9402 CS	8000-8229	2.95
17 C 9380 CS	6740-6800	17 C 9404 CS	8330-8449	2.95

CTS Knights H-173 Amateur Crystals. Low-current types. Pin spacing, .486". Pin dia., .050". Special Order: allow 30 days delivery. 3 oz. Specify freq.

Stock No.	Frequency	Tolerance	EACH
17 C 9382 CF	1.8-40 MHz	±.005%	4.95
17 C 9383 CF	41-54 MHz	±.005%	5.95

H-17 Frequency-Standard. .050" pin dia. .486" spacing. 3 oz.
17 C 9384 S. H-17T. 100 kHz. . . . . Each 6.95
17 C 9385 S. H-17. 1000 kHz. . . . . Each 7.95

Special-Application Crystals. .486" spacing; .093" pin dia. ¾x2 23/32x5/16". *3rd overtone. Shpg. wt., 3 oz.

Stock No.	Type	Frequency	Tolerance	Application	EACH
17 C 9386 S	H-17L	4.5 MHz	±.005%	TV alignment	4.80
17 C 9387 S	H-17L*	27.255 MHz	±.005%	Radio control	2.50

Popular Multiband Antennas

A **Hy-Gain 18-HT "Hy-Tower" for 10-80 Meters.** 50-f high. Power rating well over legal limit. X-brac Stub decoupling. Impedance, 52 ohms. With base sulators. Requires coax and ground rod.
17 C 8769 ZW. Shpg. wt., 108 lbs. *$8 Monthly*. . 159

B **Hy-Gain 18-AVQ Trap Vertical for 10-80 Me** Easily-erected 32-ft. vertical gives outstanding I performance. Has four separate tuned traps, fact peaked for top coverage. One kW AM, two kW PE 52 ohms. Requires coax, ground rod.
17 C 9295 ZW. Shpg. wt., 15 lbs. *$5 Monthly*. . . . 54

C **Hy-Gain 18-V Trapless Vertical for 10-80 Me** Low-cost 18-ft. vertical tunes 10-80 meters changing coil taps. Heavy aluminum-tubing radiat heavy base insulator. 52 ohms. Requires coax.
17 C 6043 X. Shpg. wt., 5 lbs. 18

D **New-Tronics 4BTV Vertical for *80-10 Meters.** Alu num. Precisely tuned hi-Q traps. Rated 1 k Tunable. 19'8" high. 52 ohms. SWR 1.5:1. *80 met with RM-75S resonator left. Requires coax.
17 C 9489 ZW. Shpg. wt., 15 lbs. *$5 Monthly*. . . . 35

E **Mosley "Lancer 1000" High-Power Vertical Mob Antenna for 10-80 Meters.** 10-80 meters with eas interchangeable coils. 2 kW PEP, 1 kW AM. F black canvas zipper coil case. Hinge for folding over tenna. Anti-corona ring, coupler, peaking adjustme 9'7" high. Requires coax.
17 C 9491 X. Shpg. wt., 6¼ lbs. *$5 Monthly*. 79

F **Mosley RV-4 Trap Vertical for 10-40 Meters.** Simi to the popular TA-33. Rated 2kW PEP; 750 watts A SWR, 1.5:1. 52 ohms. 20'8" high. Requires coax.
17 C 9493 ZW. Shpg. wt., 10 lbs. *$5 Monthly*. . . . 35.

17 C 9494 X. Mosley RV-4RK Radial Assembly for RV (Not illus.) Counterpoise to allow RV-4 to be mount on roof. 4½-ft. mast, wire for two 22-ft. radials a two 12-ft. radials, hinged mounting bracket, hardwa sealer, insulators, instructions. 6 lbs. . . . . 19.

G **Hy-Gain HD-4 Single-Band Doublet.** 80-meter doub with cutting instructions for 10-40 meters. Rat 500 watts. With copper-clad wire, insulators, ha ware, 50 ft. of RG-58/U coaxial cable.
17 C 6171 X. Shpg. wt., 3¼ lbs. . . . . 9.

Hy-Gain 5BDQ Multiband Doublet for 10-80 Meters. (N illus.) Rated 1 kW. Requires coax.
17 C 8774 X. Shpg. wt., 10 lbs. *$5 Monthly*. . . . . . 44.

K
Drake W-4
2 kW RF
Wattmeter
$49.50
$5 monthly

L
Drake MN-4
Coupler
$90.00
$5 month

Accessories for Increased Efficiency

K **Drake W-4 RF Wattmeter.** Reads forward and flected power directly in watts (VSWR from nom gram). Two scales in each direction. 200 and 2000 wat full scale. Accuracy, ±5%. 5½x3¾x4".
17 C 8245 X. Shpg. wt., 4 lbs. *$5 Monthly*. . . . . 49.

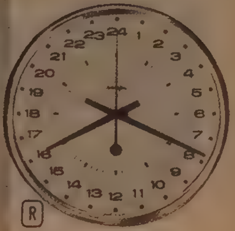
L **Drake MN-4 Matching Network.** Matches transmitt to your antenna for low SWR and more power. H built-in VSWR meter and RF wattmeter. Covers 10- meter Ham bands. 200 watts. 5½x10¾x8".
17 C 8246 U. Shpg. wt., 5 lbs. *$5 Monthly*. 90.0
17 C 8247 U. Above, but 2000 watts PEP. 10 lbs. 175.0

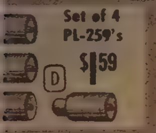
Values in Popular Amateur Accessories

orld Time
59.50
A

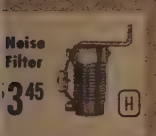
24 Time Zones
$12.95
B

24-Hour Clock
$15.00
C





G
Balun $14.95



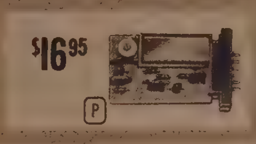
Mike Clip
79¢
K

Calculator
$1.00
L

S
24-Hour Clock
$8.95

FS
Meter
5.95
M

SWR/FS Meter
$9.95
N



ko World-Time Calendar Watch. inless steel, 17-jewel, automatic-ıg wrist watch with link brace-aterproof. Shows GMT, local, time. Has second hand, 24 and ır dials. This is a quality con-ed, precision timekeeper. From . Shpg. wt., 3 oz.
413 S. *$5 Monthly*........59.50

in-1 World Time Zone Clock. es time anywhere in all 24 time Stands on any flat surface, or e wall-mounted. Includes time-rsion booklet. Case of 22-gauge s 8x8x2¾". For 110-120 V, 60 C. Wt., 3 lbs.
990 X......................12.95

nnwood 100-24H Direct-Reading Hour Clock. Digital-readout dial hours and minutes. Ideal for ate log-keeping. Ebony case. 4x7¾x4". For 110 V, 60 Hz AC tion. Shpg. wt., 5 lbs.
3474......................15.00

r PL-259 Coaxial Connectors. MIL pe. New—not replated. 1 lb.
643............Pkg. of 4 for 1.59

-Gain LA-1 Coaxial Lightning Arrester. Has SO-239 fittings; flange. 2 or 72 ohms. Needs ground. 1 lb.
566. *$5 Monthly*..........19.95

F Tunable Car Alternator Noise Filter. Attenuates noise in alternator-equipped cars for quieter mobile reception. Body, 3x1⅝" dia.; has ⅛" mtg. holes on 2¾" ctrs. 8 oz.
17 C 8980......................9.45

G Hy-Gain BN86 Balun. Takes up to 2 kW PEP, from 3-30 MHz. 1:1 transformation ratio. For any 52-ohm balanced antenna system. Weather sealed. Mounting hardware for 1⅜" to 2⅜" dia. boom or mast. 2 lbs.
17 C 8240......................14.95

H Generator Noise Filter. Eliminates noise. Trimmer capacitor for tuning 3 thru 30 MHz. With mtg. bracket. Shpg. wt., 5 oz.
17 C 8512......................3.45

J Ameco HP-45 High-Pass TVI Filter. Rejects everything below 45 MHz. For 300 ohms. Shpg. wt., 3 oz.
17 C 8463......................95¢

K Magnetic Mike Clip. Excellent for mobile use. Wt., 3 oz.
17 C 6461......................79¢

L Electro-Voice DX Calculator. Circular calculator puts DX data at your fingertips. Shows time differences, beam headings, postal rates, DX zones, much more. 10½". Wt., 4 oz.
17 C 8650......................1.00

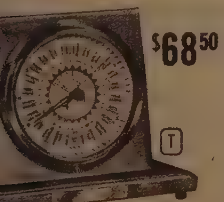
M Low-Cost Field-Strength Meter. Has four ranges covering 1.0 thru 250 MHz, and 200 μA movement. Size, 3¼x3½x1½". Shpg. wt., 10 oz.
17 C 6589......................5.95

N SWR/Field-Strength Meter. Modestly priced unit checks forward/reflected power, 1:1-1.3:1 SWR, plus FS. Handles 1 kW, 2 thru 30 MHz. 100 μA; ±5%. Five-section telescoping antenna. Size, 6x2¼x2¾". Wt., 10 oz.
17 C 6588......................9.95

P Petersen Radio PR-100A Precision 100-kHz Transistor Oscillator. Checks harmonics at 100-kHz intervals through 54 MHz. Requires 6 or 12 VDC at 4-6 mA. Plug-in socket.
17 C 6458. Shpg. wt., 1 lb.......16.95

R Mastercrafters 2405C Electric 24-Hour Clock. White 12" dial; black hands, numerals; red sweep hand. 13½" dia. chrome-finish case. Self-starting. 117 VAC. U.L. Listed.
17 C 8470 X. 5 lbs. *$5 Monthly*...19.95
17 C 8471 X. **Mastercrafters 2405G Clock.** Similar to above, but gray case. Shpg. wt., 5 lbs................17.95

S Mastercrafters 191 Clock. 24-hour dial. 8" chrome case. Shows world time. For 110 V, 60 Hz AC.
17 C 8472. Shpg. wt., 1½ lbs.....8.95



T Farmerie World-Time-Zone Clock. Battery-powered, jeweled Hamilton movement. Revolving 2-color 24-hour dial is divided into 24 world-time-zones. With battery. Solid walnut case, 8x9x4". Shpg. wt., 5 lbs.
17 C 8994 X. *$5 Monthly*................68.50

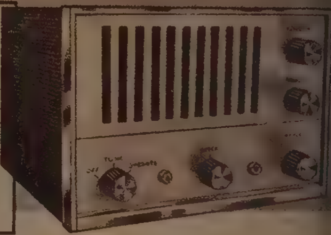
W Wall World-Map/Clock. Combines clock and 5-color world map in walnut frame. Checks time in 70 of the world's major cities. Adjustable, enlarged indicator for local standard and daylight time. 15x22x5". For 110-115 V, 60 Hz AC.
17 C 9412 U. Shpg. wt., 5 lbs. *$5 Monthly*....49.95

Values in Code Equipment and Accessories

Save Up to $7.50
On HA-1 and "Vibro-Keyer"

Vibroplex "Vibro-Keyer" Keying Mechanism for Use With HA-1 or 717

Save Up to $5.50
On 717 and "Vibro-Keyer"



Hallicrafters HA-1 "T. O." Keyer

$84.95 $5 monthly
- Helps You Send Code Accurately
- Timing Circuits of 10-30 and 35-75 wpm

Advanced electronic keyer uses digital techniques (10-30 and 35-75 wpm) for perfectly spaced, self-completing dots and dashes. Has monitor, speaker, headphone jack, neon keying indicator light. Rear connections for break-in operation and auxiliary control. Mercury-wetted relay. 5x7x7″. Order key separately. 105-125 VAC. Wt., 9 lbs.
17 C 9119X. *$5 Monthly*........................84.95
17 C 0020 L2X. Hallicrafters HA-1 and "Vibro-Keyer". *Save $5.95*. Shpg. wt., 12 lbs. *$5 Monthly*..............99.95
17 C 0021 L2X. Hallicrafters HA-1 and Deluxe "Vibro-Keyer". *Save $7.50*. Shpg. wt., 12 lbs. *$6 Monthly*..........104.95

Eico 717 Electronic Keyer Kit

$59.95 $5 monthly
- Sharp, Self-Completing Dots and Dash
- Monitoring Oscillator, 3x5″ PM Speak

Excellent electronic keyer kit features 4 overlapping ran from 3 to 65 wpm; sharp, self-completing dots and dash Has monitoring oscillator, 3x5″ PM speaker. 5 tubes silicon rectifiers. Controls: function; off/tune/opera 4-position speed range; speed vernier; monitor tone, v ume. 5½x8x8¼″. 100-130 VAC. Shpg. wt., 10 lbs.
17 C 9492 X. *$5 Monthly*..........................59.
17 C 0022 L2X. Eico 717 and "Vibro-Keyer". *Save $4.* Shpg. wt., 13 lbs. *$5 Monthly*..........................75.
17 C 0023 L2X. Eico 717 and Deluxe "Vibro-Keyer". S *$5.50*. Shpg. wt., 13 lbs. *$5 Monthly*..................81

Vibroplex "Vibro-Keyer" Keying Mechanism. Precision made key has trunnion lever for fast, effortless sending; adjustable contact spacing and tension for individual preference. Contacts are designed for dependable long-life operation. Attractive chrome finished parts. Beige-colored base rubber feet, stays stable. Shpg. wt., 3 lbs.
17 C 8946. *$5 Monthly*..........................20.
17 C 8947. Deluxe "Vibro-Keyer". Chrome-plated base. 27.

Learn or Improve Your Code with a Code Practice Oscillator

A
Kit $9.95

B
$9.95 Ready for Easy Code Practice

C
Kit $9.95

D
Wired $14.95

A Eico 706 Oscillator Kit. Easy to assemble and so useful when i finished. All-transistor unit has built-in 2½″ speaker, pitch c trol, headphone jack. Switch selects tone, flashing light, or bo 6½x3¾x2¾″. With battery. 2 lbs.
17 C 8627. Kit Form..........................9.
17 C 8621. Factory Assembled..........................14.

B Hallicrafters HA-18A Code Practice Outfit. Assembled and rea for use. Designed for anyone desiring to learn the code. Out includes a portable solid-state battery-operated code oscillat two penlight batteries, code practice key, and connecting wi Has variable pitch control, built-in speaker, standard ¼″ hea phone jack. Compact polystyrene case.
17 C 9080. Shpg. wt., 1 lb..........................9.

C Ameco OM Oscillator/Monitor Kit. Transistorized oscillato monitor with built-in speaker, tone control, headphone ja Monitors RF output without connection to transmitter. Wi instructions. Requires 2 "AA" batteries. 6¼x3¾x2½″.
17 C 9076. Kit Form. Shpg. wt., 2 lbs..........................9.
17 C 9077. Factory Assembled..........................12.

D Ameco CPS-WT Oscillator. Deluxe factory-assembled oscillat Has built-in 4″ speaker, volume and tone controls. Can al be used as keying monitor. Size, 6½x5x3½″. For 110-120 vo AC or DC. Shpg. wt., 4 lbs.
17 C 8722..........................14.

Ameco C21A Speaker Assembly

$12.80
- Aluminum Cabinet
- Crisp Response

Compact, efficient. Ideal for mobile or indoor use. Peaked for 300-3000 Hz. Big 4x6″ 3.2-ohm speaker. Swivel gimbal-type mounting bracket. Screw terminals. With mounting hardware. Wt., 3 lbs.
17 C 9078..........................12.80

572B/T160L SSB Power Triode

$17.95 Replaces 811A, but Dissipates 2½ Times More Plate Power

Ideally suited for grounded-grid instant-on, n warmup linear amplifiers. As replacement f 811A it provides greater peak power capabili and longer life. Compact envelope, rugg graphite anode, durable bonded thoriat tungsten filament. Zero bias, low operati voltage. Shpg. wt., 1 lb.
17 C 9079..........................17.9

Outfit Your Ham Station Now—Use Allied's Credit Fund Pla

ode Keys, Code Courses, Code Practice Aids

Johnson Speed-X Code Keys

4-320 Standard Key. You'll get dependable service m this sturdy, quality hand key. Chrome-plated key uspended from hardened steel bearings. Navy-type ¼" coin-silver contacts. Adjustable contact spacing oring tension. Black base. Shpg. wt., 2 lbs.
920....5.25

4-100-3 Deluxe Hand Key. Precision-made key has efully tempered spring and hardened fine-point for smoothest sending. Spring tension, contact ig and bearing pressure are adjustable. Contact ter, .072". Satin-brass finish. Shorting switch.
912. Shpg. wt., 2 lbs....8.95

4-520 Semi-Automatic Key. Add lasting excitement to ır shack with this beautifully designed key. You'll ts steady-as-a-heartbeat performance, sturdy con-ion, and feel of quality. Contact spacing and sliding t easily adjust to desired speed. Has circuit-closing a and ⅛" coin-silver contacts. Rubber feet prevent ng finished surfaces. Heavily chrome-plated hard- Black die-cast base. Shpg. wt., 4 lbs.
921. *$5 Monthly*....19.95

Vibroplex Semi-Automatic Keys

D **Deluxe "Original" Semi-Automatic Key.** Easy-working "bug" of exceptional design and quality. Performance-tested, tough and durable, it will give you years of faultless service. For speeds from 10 wpm on up. Used by many veteran operators. Jeweled bearings, chrome-plated mechanism and base. Slip-proof rubber feet prevent marring of finished surfaces. Shpg. wt., 5 lbs.
17 C 8940. *$5 Monthly*....32.95

E **"Presentation" Semi-Automatic Key.** Beautifully crafted key with adjustable mainspring for wide speed range. Jeweled movement resists friction, prolongs life. Chromium parts, mounted on 24K gold-plated base top. Red knob, finger and thumb pieces. Rubber feet on bottom prevent slipping, preserve surface finishes. Wt., 5 lbs.
17 C 8942. *$5 Monthly*....43.95

Carrying Case. (Not illus.) For all Vibroplex keys listed above. Protective cloth lining. Includes lock, key and handle. Shpg. wt., 2 lbs.
17 C 8944....7.25

Cord and Wedge Set. For above keys. Shpg. wt., 3 oz.
17 C 8945....2.75

ALLIED RADIO
INTERNATIONAL MORSE
CODE COURSE
ALLIED RADIO CORP.

Allied Code Course

Sure-Fire Way
Learn or Im-
ove Your Code

$\$4^{49}$

easy code lessons on one 12", rpm LP record—calculated to nce you quickly to a speed of 15 s per minute. Table of Inter-nal Morse Code is included on of jacket. With instruction let containing lessons identical ose on record.
8573. Shpg. wt., 1 lb....4.49

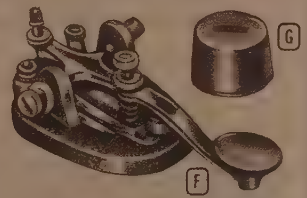
Rider Code Courses

at 'N' Sound" courses on 10", rpm LP records.

8558. **Novice Course.** (0-8 wpm.) 10-inch LP's, 47 cards, and Shpg. wt., 2 lbs....9.50

8564. **Advanced Course.** (9-20) Three 10-inch LP records ook. Shpg. wt., 2 lbs....8.95

8565. **Complete Course.** (0-20) Six 10-inch LP's, 47 cards, ook. Shpg. wt., 6 lbs....15.95



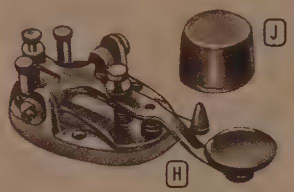
Johnson Code Practice Aids

Low-Cost Hand
Key Is Fully
Adjustable

$\$3^{75}$

F **Johnson 114-310 Standard Key.** Excellent for the beginner or the experienced operator. Designed for clear, easy sending. Made for hard usage, will last for years. Tension adjustment sets touch to a wide variety of tastes. Smooth adjustable bearings and "cushion contact" design provide smooth keying action. Mechanical parts are nickel-plated; ⅛" silver contacts. Heavy die-cast base. Provision for plugging in semi-automatic key.
17 C 8903. Shpg. wt., 2 lbs....3.75

G **Johnson 114-400 Buzzer.** Practice code under ideal conditions. Learn to send properly made characters and to read code expertly. Constant-frequency buzzer with screw adjustment to vary high-frequency tone to your particular preference. Requires two 1½-V batteries (elsewhere in this Catalog). Shpg. wt., 5 oz.
17 C 8911....2.00



H J Top-Value Key, Buzzer

Ideal for the
Beginning Ham

Both
for

$\$2^{99}$

Purchased Separately, $3.50. Learn to send clear and understandable code and to receive it easily. Practice will make your code perfect with this low-cost key and buzzer outfit. Ideally suited for novice code study. And our outfit price saves you 51¢. Quality constructed, durably made key has handsome polished solid-brass base, heavy silver contacts, nickel-plated hardware, shorting bar to take key out of the circuit, and black knob. Fully adjustable tension and spacing allows you to adjust touch to your taste. Requires two 1½-V batteries. Japan. Shpg. wt., 2½ lbs.
17 C 9025....**Both for** 2.99

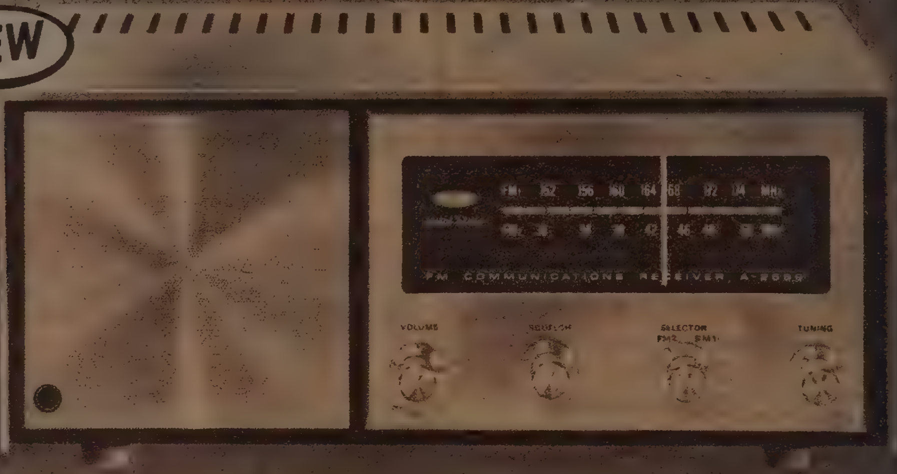
H 17 C 6656. **Key Alone.** 2 lbs....2.50

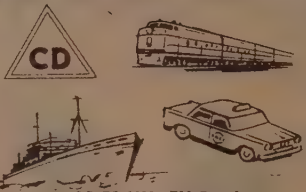
J 17 C 9018. **Buzzer Alone.** Well constructed buzzer has screw adjustment to vary tone. Molded base and cap. Requires two 1½-V batteries. Japan. Shpg. wt., 6 oz....1.00

ALLIED Dual-Band VHF-FM Monitor Receive

NOW ONE RECEIVER TUNES BOTH 30-50 MHz AND 152-174 MHz BANDS

NEW


FM1 152 156 160 164 168 172 174 MHz
FM COMMUNICATIONS RECEIVER A-2589
VOLUME
SQUELCH
SELECTOR
FM2 FM1
TUNING



30-50 MHz FM Band

Police, fire, civil defense, other emergency services, utilities, radiotelephone service, radio dispatched repair vehicles, radio paging service, industrial highway maintenance.

152-174 MHz FM Band

Police, fire, civil defense, other emergency services, United States Weather Bureau forecasts, railroads, taxi-cabs, forestry and conservation, highway trucks, private mobile telephone.

NOTE

Frequencies used differ in various parts of the country. Check with local authorities for the specific frequencies used by the various services in your own region.

A-2589 Solid-State Dual-Band VHF-FM Receiver

- **20 Transistors, 10 Diodes, and 2 Thermistors**
- **Four IF Stages Provide Excellent Selectivity**
- **Stable Zener-Diode-Regulated Power Supply**
- **Squelch Circuit Silences Speaker Between Calls**

$\$79^{95}$

$5 monthly

New dual-band solid-state VHF-FM receiver lets you listen in on the dustrial, Land Transportation, Public Safety and Domestic Public Servi in your area. Covers *both* the 30-50 MHz and 152-174 MHz FM ban Solid-state circuit offers instant operation and dependable reception of FM services. This sensitive receiver is designed to provide clear, static-f reception. Powerful push-pull audio output drives a built-in 4" speaker

Boasts four IF stages, tuned RF and mixer stages for greater sensitivity a selectivity. Automatic Volume Control (AVC) prevents overload or blasti by strong signals and builds up weak signals for best possible recepti Adjustable squelch eliminates background noise during standby operati Highly stable regulated power supply. Panel jack for external 8-ohm speal or headphones. 50-75 ohm antenna input. Order antenna, below, for b long-range reception. Gray metal case, 5⁷⁄₁₆x11⅞x7¾". For 117 V, 50-60 AC. From Japan. Shpg. wt., 11 lbs.

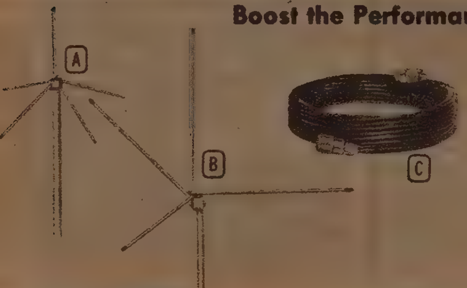
17 C 9630 X. *$5 Monthly*............79.

17 C 6226. 8-Ohm Dual Headset with Plug and Cord. Wt., 1 lb............5

SPECIFICATIONS

Range: 30-50 MHz and 152-174 MHz. *Sensitivity:* Better than 4 μV for dB S/N. *IF:* 10.7 MHz. *Power Supply:* Full wave, transformer operat zener diode regulation.

Boost the Performance of Your Receiver with a VHF-FM Antenna



A **Allied/Knight ¼-Wave Ground Plane Antenna.** Increases range 30-50 and 108-174 MHz bands. With mounting clamp for to 1⅝" dia. masts. Order coax cable, below. Wt., 6 lbs.

17 C 6714 X............9.

B **Antenna Specialists MON-8.** Deluxe double-loading-coil grou plane antenna for 25-50 MHz and 130-174 MHz. Omnidir tional pattern. For masts up to 1½" dia. SO-239 connection PL-259 connector. Order coax below. Wt., 6 lbs.

17 C 6716. *$5 Monthly*............19.

C **Coaxial Cable.** Foam coax cable with PL-259 connectors. U RG-58/U for 30-50 MHz; RG-8/U for 108-174 MHz.

17 C 6883. 50' Coil RG-58/U Cable. Shpg. wt., 2 lbs............5.

17 C 8522. 100' Coil RG-8/U Cable. Shpg. wt., 11 lbs............13.

egency VHF FM Monitors for Every Purpose

HEAR EMERGENCY, INDUSTRIAL AND PUBLIC-SERVICE MESSAGES

nuously Tunable Models

95 Each
onthly

- **4 µV Sensitivity**
- **Tuned RF Stage**
- **All-Electronic Squelch**

MR-10D for 152-174 MHz. You've listening experience in store for ith this great continuously-tun- ıonitor receiver. You'll like its ced design, compact style, fine mance. Covers services such as fire, emergency weathercasts, ads, private mobile tele- utilities, and forestry services. es include: tuned RF stage for image rejection; self-contained aker; adjustable, all-electronic h circuit; illuminated slide-rule rovision for external speaker or hones. Sensitivity, 4.0 µV or for 20 dB quieting. Audio output, 1.6 watts, (10% dis- ı). 7 tubes plus rectifier. 7⅞x 6½". For 105-125 V, 60 Hz AC. wt., 11 lbs.
650 X. *$5 Monthly*.......**84.95**

MR-33D for 30-50 MHz. Similar ve, but for low VHF-FM band. s police, fire, industrial, power , highway maintenance, mobile one, radio paging, more. Has 4" er, tuned RF stage, all-electronic h, illuminated slide-rule dial, ion for external-speaker or hones. 7 tubes plus rectifier. 7⅞x 6½". For 105-125 V, 60 Hz AC. wt., 11 lbs.
651 X. *$5 Monthly*.......**84.95**

Crystal-Controlled Models

$130.00 Each
$7 monthly

- **1 µV Sensitivity**
- **Dual-Conversion**
- **Solid-State Circuit**

Model TMH-2 for 150-175 MHz. Delivers instant-on sound. Quality dual-conversion superhet, with up to 6-channel switching, operates on 117 VAC and 12 VDC. (Order cable below.) 1 µV sensitivity pulls the weak stations in. Electronic squelch silences speaker between stations. Provision for internal 12-volt battery pack (see below). Battery will be activated automatically should powerline fail or no power outlet be available. Receiver can also be used in 12-volt vehicle or boat. Has 24 transistors and 9 diodes. Blue vinyl-laminated steel cabinet, 4¾x11x7½". With one crystal—*Specify frequency*. Order extra crystals, accessories below. 6½ lbs.
17 C 6578 CF. *$7 Monthly*....**130.00**

Model TML-2 for 30-50 MHz. Same as above except covers lower frequency band. Enjoy the interesting and exciting events occurring in the Industrial, Land Transportation, Public Safety, Domestic Public Services. One crystal —*specify frequency*. 6½ lbs.
17 C 6577 CF. *$7 Monthly*....**130.00**
17 C 9320 CF. Extra Crystals. For above. *Specify frequency*. 3 oz..........6.95
17 C 6580 F. Battery/Charger. 1 lb.28.35
17 C 9674. 12-VDC Power Cord. 1 lb.2.95
"F" items shipped express from Indianapolis, Ind. No C.O.D. Allow 30 days

Tunable Models for Your Car

$150.00 Each
$8 monthly

- **4 µV Sensitivity**
- **All-Electronic Squelch**
- **Built-In 4" Speaker**

Model M-160 for 152-174 MHz. Wonderful way to take with you the exciting listening associated with the Industrial, Land Transportation, Public Safety, and Domestic Public Services bands. Hear police, fire, emergency services, weathercasts, railroads, private mobile telephone, utilities, forestry services, more. Has tuned RF stage for better image rejection; electronic squelch for absolute quieting; illuminated slide-rule dial for night operation; built-in 4" speaker. Sensitivity (for 20 dB quieting), 4 µV or better. Power Output (for 10% distortion), 0.8 watt. Can be used in any vehicle using 12-volt battery with negative ground. Metal cabinet, 4½x6½x8¾". Tube circuit. Universal mounting. Wt., 13 lbs.
17 C 9670. *$8 Monthly*......**150.00**

Model M-40 for 30-50 MHz. Continuously tunable FM monitor receiver same as above except covers lower frequency band and has sensitivity of 2 µV or better. Wherever you travel with this receiver you can be better informed listening to Public Service broadcasts or emergency services such as police, fire and Civil Defense. Universal mounting. 4½x6½x8¾". 12 VDC, neg. gnd. 13 lbs.
17 C 9669. *$8 Monthly*.......**150.00**

eluxe l-Band Aonitor

00.00
monthly

DR-200 for 30-50 and 152-174 MHz. Highly versatile and monitor receiver covers both VHF-FM bands. ines continuous tuning and crystal control—optional l control for one frequency on each band. Features onversion superhet circuit. Sensitivity (for 20 dB ng), 1 µV on 30-50 MHz and 2 µV on 152-174 MHz. 6¼x9½". Tube circuit. For 105-125 V, 60 Hz AC. speaker below. *Crystals (order above) available at each—specify frequency and allow 30 days.*
666 X. Shpg. wt., 17 lbs. *$10 Monthly*......**200.00**
672 X. Model DRS-1 6" Speaker. Wt., 7 lbs.....15.95

108-136 MHz AM Monitor

$99.95
$5 monthly

NEW
at ALLIED

Model AR-136D Aircraft AM Monitor for 108-136 MHz. For the aviation enthusiast who insists on finest performance. Continuously tunable monitor receiver is made to professional standards. Has increased sensitivity for stronger, clearer signals; improved signal-to-noise ratio; reduced oscillator radiation. Adjustable squelch with a range of from 0.5 µV to 100 µV. Power Output, 1 watt. Sensitivity, 1 µV for 10 dB quieting. Built-in 4" speaker. Provision for external speaker. Illuminated slide-rule dial. 6¼x12x6⅜". Tube circuit. For 110-120 V, 60 Hz AC.
17 C 6512 X. Shpg. wt., 14 lbs. *$5 Monthly*.........**99.95**

VHF Monitors for Every Application

NEW at ALLIED

Sonar
VHF SENTRY
BC
VHF
BATTERY
VHF CHANNEL

Two Compact Models: 30-50 MHz, 150-175 MHz (Both FM)

$39.95 Each

$5 monthly

NEW at ALLIED

SQUELCH
VOLUME

Crystal-Controlled 150-175 MHz (FM) for Police, Fire, Utilities, CD, Buses, Much More

$140.00

$7 monthly

Tunable or Tunable an
Crystal-Controlled fo
Police, Fire, 162.5 MH
Weather Band, CD, Mo

Low As **$89.95**

$5 monthly

Sonar Hand-Held Monitors

- Two Crystal-Controlled VHF Channels
- Tune Standard AM Broadcast Band

Solid-state. Listen in on Industrial, Land Transportation, Public Safety, Domestic Public Services (VHF-FM), plus regular AM broadcasts wherever you are. Fit inside your pocket—deliver loud, clear reproduction. Telescoping antenna. Only 5⅞x2½x1$\frac{5}{16}$". With battery, earphone. Order crystal certificate card below. From Japan. Shpg. wt., 1 lb.

17 C 8190 S. FR-103. 150-175 MHz Band. *$5 Monthly*....................39.95

17 C 8199 S. FR-106. As above, but covers 25-50 MHz. *$5 Monthly*.....39.95

Sonar Mobile/Base Monitor

- Instant-Play Solid-State Circuit
- Compact—Installs Virtually Anywhere

FR-105. Sensitive 150-175 MHz FM monitor operates in any 12-volt vehicle or from 117-volt 50-60 Hz AC line. Has 6 crystal-controlled channels, temperature-compensated noise-free squelch, provision for continuous-tone decoder module, built-in heavy-duty 2x6" speaker with moisture resistant cone, provision for external speaker, an audio output of 1½ watts. Aluminum case, 2⅝x6⅛x8½". Complete with AC and DC power cables, mounting bracket. Order crystal card below. Shpg. wt., 5 lbs.

17 C 9726 U. *$7 Monthly*.........140.00

Sonar Mobile, Base Monit

- Temperature-Compensated Oscilla
- Electronic Squelch • 500-Ohm Ou

All have tuned RF stage. Size, 4½
10". For 115 V, 60 Hz AC. 11 lbs.

17 C 9701 U. FR-102. 150-175 MHz. 8

17 C 9702 U. FR-101. As above,
covers 25-50 MHz. *$5 Monthly*..8

17 C 9704 U. FR-102 DX. 150-175
Tunable receiver plus provision f
crystal, below. DC power cord, m
mounting bracket. 110 VAC/12 V
neg. gnd. 12 lbs. *$7 Mo*.........13

17 C 9703 U. FR-101DX. As above,
covers 25-50 MHz. *$7 Monthly*.13

17 C 9705 CF. Crystal for Above. *Sp*
frequency. Allow 30 days. 4 oz..

17 C 8192 S. Crystal Certificate Card for FR-103, 105 and 106. For each frequency, Allied mails you a card to fill out and send to Sonar. Sonar ships desired crystal direct to you within 30 days........**Each 5.00**

Hallicrafters Portable VHF Monitors

hallicrafters

Size, 6x2¾x1⅝".

$39.95 Each

$5 monthly

- Solid-State Circuit
- Superhet Receiver
- Built-In AGC and ANL

Combining take-along portability with sensitivity, these hand-held FM monitors provide exciting listening on-the-go. Choice of 27-50 MHz or 144-174 MHz (FM) or 108-135 MHz (AM). Hear police, fire, civil defense, weather, railroads, cabs, trucks, power utilities, aircraft (AM), more. Solid-state circuit—9 transistors and 2 diodes; sensitive, selective receiver with AGC and noise limiter. Telescoping antenna. Provision for external antenna and headphones. 6x2¾x1⅝". 9-volt battery below.

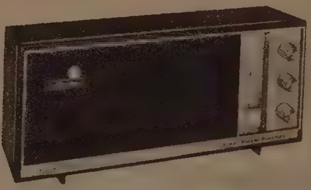
17 C 9875 S. CRX-102. 144-174 MHz. Japan. Shpg. wt., 1 lb...........39.95

17 C 9870 S. CRX-100. Same as above, except covers 27-50 MHz........39.95

17 C 9872 S. CRX-101. Above, covers 108-135 MHz AM Aircraft band 39.95

18 C 5980. 9-V Battery. 6 oz. 2 for 59¢

Hallicrafters Table Model VHF Monitors



Three Mod
for 3 Frequ
Ranges

$49.9
E

$5 month

- Solid-State Circuit with Squelch, AVC, and ANL
- Built-in Antenna • 4x6" Speaker • 1-Watt Output

Choice of 30-50 MHz (FM), 108-135 MHz (AM), or
174 MHz (FM). Superhet circuit has RF stage plus 3
stages. Includes automatic volume control, automatic n
limiter, and squelch. One-watt power output to 4x6" fr
mounted speaker. Easy-to-read slide-rule tuning
Handsomely styled polystyrene case, 5½x13⅛x3
Provision for using external antenna. For 110-120 volts
Hz AC. From Japan. Shpg. wt., 5 lbs. *$5 Monthly*.

17 C 9723 X. CRX-105. 152-174 MHz (FM)..........4

17 C 9747 X. CRX-103. 30-50 MHz (FM)..........4

17 C 9748 X. CRX-104. 108-135 MHz (AM) Aircraft.....4

Get Your VHF Monitor Now—On Allied's Credit Fund P

HF Converters, Radio Direction-Finders, Mobile Antenna

9^{95}
onthly

Adapts Any Standard AM Radio for VHF Monitoring . . . For Car or Home Use

Five-Band Portable Radios with Direction-Finder

Perfect for Pilots, Boaters, Campers, Sportsmen

Low As
$\$99^{95}$
$5 monthly

dland Deluxe VHF Monitor Converters

ttery Powered Solid-State Circuit • Fine Tuning
icon Transistor Tuned RF Stage for Top Performance

VHF converter to your AM radio and monitor ex- roadcasts from police, fire, CD, emergency services, telephones, many others. Can be operated in your car, or as a portable. Sensitivity, 2 μV for 10 dB perates hours on a single set of batteries (order . Jacks for external 12-VDC and antenna. Metal , 4x4x5½". Japan. Wt., 4 lbs. *$5 Monthly.*
22. Model 13-264. 152-174 MHz (FM)..........39.95
23. Model 13-262. 108-135 MHz (AM). Aircraft.39.95
24. Model 13-260. 30-50 MHz (FM)..............39.95
83. Batteries. Uses 8. Wt., 4 oz.....Pkg. of 2 for 20¢

Hallicrafters Portable Radio/Direction-Finder

- Sensitive Solid-State Radio with Radio Direction-Finder
- Radio Tunes Standard AM, plus Longwave and Shortwave

Radio tunes 540-1600 kHz AM BC band; 185-400 kHz AM band; 2-5.2 MHz AM band; 5.2-15.5 MHz AM band; 108-135 MHz AM VHF aircraft band. Direction-finder tunes 540-1600 kHz, 185-400 kHz, and 2-5.2 MHz bands. 6x12x3". Order batteries below. From Japan. Shpg. wt., 10 lbs.
17 C 9910 U. Model CR-50 "Sea-Air." *$5 Monthly*....99.95

CR-44 "Ranger." Above, but 88-108 MHz FM BC band and 152-174 MHz FM Public Service band instead of 5.2-15.5 and 108-135 MHz bands. Batteries below. Japan.
17 C 9915 U. *$6 Monthly*..............................119.95
18 C 5079. "D" Batteries. (Uses 4.) 10 oz...**Pkg. of 4 for 65¢**

$\$129^{95}$

A Nova-Tech "Action" Solid-State Portable Radio/Radio Direction-Finder

Tunes standard AM broadcast band and both FM business-radio bands, 30-50 MHz and 150-175 MHz; marine weather and beacons on 190-400 kHz; marine shortwave band, 1.5-4.5 MHz. Rotating antenna for accurate bearings; DF level control for sharp nulls; null meter; squelch; 180° left/right bearing scale; flip-up pelorus sights; dial light; telescoping antenna; headphone jacks. Leather carrying case, batteries, AC adapter. 6x9x2½".
17 C 6541 U. Japan. Shpg. wt., 8 lbs. *$7 Monthly*..........129.95

Pilot II. As above, but has four bands. Tunes 108-136 MHz AM Aircraft band instead of 30-50 and 150-175 MHz bands.
17 C 6543 U. Japan. Shpg. wt., 8 lbs. *$7 Monthly*.........129.95

$\$249^{50}$

B Sonar Solid-State Fixed-Location Radio/Radio Direction-Finder

DF-1301. Provides left/right indication, consolan reception, accurate true-null bearings. Tunes standard AM broadcast band; beacon band, 180-410 kHz; marine band, 1600-3500 kHz. Built-in sense amplifier and collapsible sense antenna; ferrite flat loop for maneuverability; headphone jack, null/tuning meter; BFO; DF gain control; ANL. Front-panel switch selects 162.55 MHz Weather Band forecasts. 4$\frac{15}{16}$x12⅛x10¾". With batteries.
17 C 6550 U. Shpg. wt., 10 lbs. *$13 Monthly*..............249.50
18 C 5079. Extra Batteries. (Uses 8.) Wt., 10 oz....**Pkg. of 4 for 65¢**

$\$13^{95}$

C Antenna Specialists Model MON-2 Trunk Mount 130-174 MHz Mobile Antenna

Features "Quick-Grip" no-hole trunk lid mount for speedy installation. Whip has screw-type adapter for field cutting to an exact frequency. Furnished complete with 16-ft. RG-58/U coax cable, pin plug, plus PL-259 adapter.
17 C 6150 X. Shpg. wt., 2 lbs...............................13.95

A

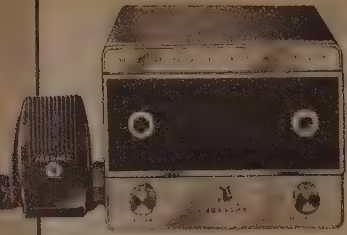
NEW at ALLIED

B

NEW at ALLIED

e Allied Your Headquarters for Everything in Electronics

Business Band 2-Way Radios and Marine Electronic Equipment



Johnson Messenger 215 Business 2-Way AM Radio

$205⁰⁰ For Base or Mobile Operation

$11 monthly

Two-way 25-50 MHz AM business radio for base station or mobile use. 15 watts. Built-in 117 VAC/12 VDC power supply. Tube-type. Takes 50-ohm antenna. $5\frac{5}{8}$x7x$11\frac{3}{8}$". With hang-up mike; AC/DC power cords; crystals. Type Accepted FCC Rule Parts 21, 89, 91, 93. **Specify Your Assigned Frequency.** *Allow 30 days.*

17 C 6385 KF. 18 lbs.........205.00

17 C 9416. Mobile Mount. Shpg. wt., $1\frac{1}{4}$ lbs.................2.50

Johnson Messenger 205 Business 2-Way AM Radio

$165⁰⁰

$9 monthly

- **5-Watt Mobile Unit**
- **Solid-State Circuit**
- **Built-In PA System**

Compact, rugged mobile 25-50 MHz business band radio. Useable with a linear amplifier for greater output power. Sensitive receiver with adjustable squelch. For 50-ohm antenna. Built-in 12 VDC power supply. $2\frac{1}{8}$x$6\frac{3}{16}$x$8\frac{3}{4}$". Mounting bracket, power cord, hang-up mike, crystals. Type Accepted FCC Rule Parts 89, 91, 93. Type App. DOT RSS 136. **Specify Your Assigned Frequency.** $6\frac{1}{2}$lbs. *Allow 30 days.*

17 C 6380 XF. *$9 Monthly*......165.00

Courier ML-100 100-Watt Business Linear Amplifier

$99⁰⁰

$5 monthly

- **For Mobile Use**
- **Built-In Antenna Rela**
- **Has Tuning Light**

Mobile Business Band linear amplif
covers 25-50 MHz. Operates AM, F
and SSB. One to 15-watt drive
quired for 100-watt input and up to
watt output. Built-in antenna rel
Circuit includes transistors and tub
Draws less than 2 amps in rece
position. No internal connection
transceiver are needed. Chrome ca
$7\frac{1}{4}$x$8\frac{1}{2}$x$2\frac{3}{4}$". For 12 VDC. Illegal
Citizens Band Class D. Wt., 7 lbs.
17 C 6530 X. *$5 Monthly*..........99.

75 Watts	**$299⁹⁵**
115 Watts	**$379⁹⁵**
150 Watts	**$499⁹⁵**

Sonar Solid-State Marine Radio-Telephones

75-Watt Model 75AW. Two-way 2-6 MHz radio with
crystal-controlled marine channels, AM broadcast band p
fixed-station weather frequencies. FCC Type Accept
Meets FCC requirements for commercial boats carrying 6
more passengers. Universal mtg. tray; built-in speak
push-to-talk mike; 3 pairs of crystals—2182 kHz CG, 26
and 2738 kHz ship-to-ship. $13\frac{1}{2}$x$10\frac{3}{8}$x$6\frac{1}{4}$". For 12 VD
Shpg. wt., 16 lbs.
17 C 6547 K. *$15 Monthly*..............................299.
17 C 6548 K. 115W. Above, 115-watt input..............379.
17 C 6549 K. 155W. Above, 150-watts. Less crystals..499.
17 C 6524 X. MT-18 Matching Marine Transformer. For 2-3 M
Permits antenna installation without ground. 5 lbs....17.

NEW

Business Band 132-174 MHz VHF-FM 2-Way Walkie-Talkie

$375⁰⁰

$18 monthly

Sonar 2301 Walkie-Talkie

All-silicon-transistor. Compatible with VHF 2-way narrow-band systems. Receiver and transmitter usable on independent frequencies. 1.6 watts. Dual conversion. Electronic mode switching. FCC Type Accepted Parts 21, 89, 91, 93. One pr. crystals, 12 penlight batts. $7\frac{3}{4}$x3x$1\frac{5}{8}$". **Specify Assigned Frequency.** *Factory-shipped—allow 30 days.*

17 C 6523 F. Wt., $2\frac{1}{2}$ lbs.........375.00

Complete With 8" Trumpet Speaker

Sonar HA-1 2-Way Hailer

$125⁰⁰

$7 monthly

- **Intercom**
- **Hailer**
- **Fog Horn**

This 16-watt marine unit lets you hail other boats, persons ashore, swimmers or skiers; can be set for automatic or manual fog horn signals; and operates as a 2-way intercom. Solid-state. Five-postion function switch; separate listen and hail volume controls. $2\frac{1}{2}$x$6\frac{3}{4}$x5". For 12 VDC. With push-to-talk mike, mtg. bracket, speaker. 8 lbs.

17 C 6335 X. *$7 Monthly*.......125.00

Sonar D-120B Depth Sound

$139⁵⁰

$7 monthly

- **Accurate to 250**
- **Finds Fish Schoo**
- **Easily Installed**

For commercial or pleasure mari
craft to warn against running agrou
Easy-to-read 360° 4" scale with 1-
graduations shows water depth fro
to 250 feet. Easily installed even wh
boat is in water. Also indicates scho
of fish. With transducer, gim
mounting bracket and fairing blo
Size, $7\frac{1}{2}$x$11\frac{1}{4}$x$7\frac{1}{2}$". For 12 VD
Shpg. wt., 10 lbs.
17 C 6544 X. *$7 Monthly*.......139.

Forecast the Weather Yourself With These Accurate Instruments

aylor Weatherscope

ision Barometer
loor Thermometer
d Indicators

$199.75
$10 monthly

instruments on 17x12″ walnut
: barometer, outdoor thermom-
wind speed and direction in-
rs. With 60′ cable for outdoor
vane and anemometer, 40′ cable
itdoor thermometer. Shpg. wt.,
i.
860 X. *$10 Monthly*....199.75

851 X. **Windscope.** (Not illus.)
speed, direction indicator in
⅛″ case. Outdoor wind vane,
ometer, 60′ connecting cable.
wt., 10 lbs..............89.95

Taylor 7-Day Recorders

Choice of
Barometer
or Thermometer

$49.95
$5 monthly

Barometer. Provides a record of 7-days variations in barometric pressure. Range: 29-31 inches, correctable from sea level to 10,000′. Sensitive UNI/MAG movement. 6¾x13x6¾″. With 13 charts, ink, instructions. 115 VAC
17 C 6861 X. Wt., 5 lbs.........49.95

Thermometer. Provides 7-day record. −40° to +120° F. 6¾x13x6¾″. With 8′ capillary tubing, 13 charts, ink, instructions. 115 VAC.
17 C 6862 X. Wt., 5 lbs.........49.95

Honeywell Electronically Operated Thermometer

- Thermistor Sensor
- Easy-to-Read Scale
- Walnut Plaque

$49.95
$5 monthly

Beautiful walnut plaque with sensitive electronic outdoor thermometer. Miniature thermistor sensors outdoors are connected to 4″ dia. scale by 30′ doorbell-type wire. If necessary, add extra wire—up to 250′. Accurately shows outdoor temperature. Requires one battery (below). Shpg. wt., 2 lbs.
17 C 8360 X. *$5 Monthly*......49.95

18 C 5961. Mallory RM-625R Battery. Shpg. wt., 4 oz....**Pkg. of 2 for 1.06**

Dwyer Wind Speed Indicator

Reads Like
Thermometer

$24.95
$5 monthly

Highly accurate instrument. Liquid-filled tube registers wind velocity. Reads like a thermometer—no calculations necessary! Easily read scale is calibrated in both 0 to 80 miles per hour and Beaufort scale designations. Outside fitting, resembling a weather vane, mounts on any elevation; attaches to meter by 50′ vinyl tubing (supplied). 6x7x1″. Wt., 5 lbs.
17 C 6538. *$5 Monthly*..................24.95

$8.95

3-in-1 Weather Station

Temperature, barometric pressure, relative humidity. Warns of approaching storms. Dials turn 90° on wood grain panel for versatile mtg. 5¾x15½″.
17 C 6855. Wt., ½ lb.........8.95

Weather Instruments for Home and Office

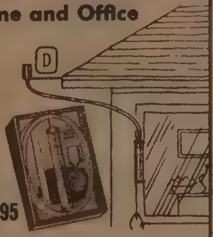
A

$24.95
$5 monthly

B

$59.95
$5 monthly

C **$11.95**



D

$15.95

ylor Statesman Stormscope.
ccurately indicates tempera-
pressure and humidity. Colonial-
mahogany pendant. Brass trim.
7¼″. Wt., 3 lbs.
6853 X. *$5 Monthly*......24.95

ylor Deluxe Barometer. Navy-
pe instrument for wall mount-
Features compensated move-
for extremely precise readings.
y brass case. Reads 26-31″ on
al, 6¾″ flange. 2½ lbs.
6864 X. *$5 Monthly*......59.95

C **Taylor Hygrometer.** Wall-type humidity instrument. Thermometers range, 40-110°F. Translucent water reservoir. Revolving humidity table. 5x7″. 1 lb.
17 C 8355 X...................11.95

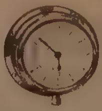
D **Pioneer Rain Minder.** Precision rain gauge accurately measures up to 5″ of rainfall. Easy-to-read gauge mounts on outside window facing; 2″ cup mounts on roof gable. 20′ plastic hose. 2½ lbs.
17 C 6866 X...................15.95

Taylor Marine Compass

$14.95

Lubber line, 5° graduations, jewel bearing, illuminated dial. 3⅜″ dome. Black rustproof metal case.
17 C 6540. Wt., 2½ lbs.........14.95
17 C 6874. Economy Version. (Not illus.) Wt., 1½ lbs..............12.95

Airguide 5″ Marine Clock



$29.95
$5 monthly

Dial scaled 12 and 24 hours; shows 4-hour watches. 8-day, 7-jewel movement. Mounts on bulkhead. Stem set and wind. 5-inch dial, brass fixture. 2½ lbs.
17 C 8982 S. *$5 Monthly*......29.95

Don't Struggle with a Big, Heavy Garage Doo

**Open, Close and Lock Your Door, Turn-on Garage Lights by Remote Control
from Your Car, Up to 100 Feet . . Not a Luxury, but a Practical
Appliance Important for Your Convenience and Safety**

IN YOU RIDE . . .

. . . YOU'RE SAFE INSIDE

OPENS DOOR . . . Just Press Button on Transmitter

OPERATES LIGHT . . . Light Is Turned On, Off Automatically

CLOSES DOOR . . . Press Button Again . . . . Door Closes

*LOCKS DOOR . . . Door
Securely When Fully*

Perma-Power "Liftmaster" Chain-Drive Garage Door Open

**Easily Installed
Solid-State Systems**

Deluxe System

Low As **$149⁵⁰**

$8 monthly

You Open and Close Garage Door From Inside Your Car. You Don't Leave Your Children Alone in the Car; You Don't Get Wet or Cold in Nasty Weather; You're Safe From Prowlers. You Don't Risk Straining Your Back Trying to Raise a Heavy Garage Door.

G-6101 Deluxe Garage Door Opener. Lifts, lowers, and locks garage door and turns garage lights off and on. You get power unit, track, chain-drive, receiver, pocket transmitter, pushbutton manual-control unit, antenna, hardware. No FCC license needed. U.L. Listed. 117 VAC.

G-6101 System with Pocket Transmitter for Channel B10P.
17 C 8007 ZW. Wt., 65 lbs. Express. *$8 Monthly*....149.50

G-6101 System with Under-Dash Transmitter for Channel B10P. For 12 VDC—switch selects pos. or neg. ground.
17 C 8013 ZW. Wt., 65 lbs. Express. *$8 Monthly*....159.50

Alternate-Frequency System. Same as above, but for different channel. Portable. Wt., 65 lbs. Express.
17 C 8012 ZF. *$8 Monthly*..........................149.50
17 C 8016 ZF. Underdash Transmitter. Express........159.50

Power Unit With "Velvet-Glide." Powerful ⅓-hp chain-
handles 20-ft. wide residential garage doors up to 20
with horizontal or curved roller tracks. "Velvet-G
electronic clutch provides smooth, quiet operation. Acc
ates from a dead stop without jerking or bouncing.

Instant Stop Control. Door travel is *instantly* stoppe
button on transmitter or inside door control. Door
automatically and instantly if it encounters any obst
When started again, it reverses and pulls away,
ultimate safeguard against trapping any object.

Manual Operation of Door. If electric power should
the motor-driven door arm can easily be detached to
manual operation of door until power is restored.
lutely no tools are needed for detaching, and it ca
done by anyone.

Easy to Install. The Perma-Power LIFTMASTER can
stalled on your *existing* garage door whether sing
double, sectional or one-piece, metal, fiberglass, or
You need only a drill, pliers, screwdriver and hamme
necessary hardware is included.

**G-6121 Budget System with Pocket Transmitter for Ch
B10P.** As G-6101, except 175-lb. door capacity; manu
verse instead of electrical; series-wound ¼ hp moto
stead of capacitor-start motor; housing less lightshield.
17 C 8001 ZW. Express. *$6 Monthly*................

Alternate-Frequency System. Above, for different cha
17 C 8003 ZF. Wt., 55 lbs. Express. *$6 Monthly*.....

Extra Transmitters

17 C 8018 R. Extra Pocket Transmitter Chan. B10P. 1 lb.

Extra Transmitter for Alternate-Frequency System. *S
Channel.* Shpg. wt., 1 lb.
17 C 8014 CF. *$5 Monthly*..........................
17 C 8002 CF. Underdash. *Specify Channel.* 2 lbs......

ersatile Wireless Intercom Systems

on Lowest Cost Wireless d-State Intercom System

ation tem $\$19^{95}$ $5 monthly

ates Room-to-Room or Between ldings on Same Power Line

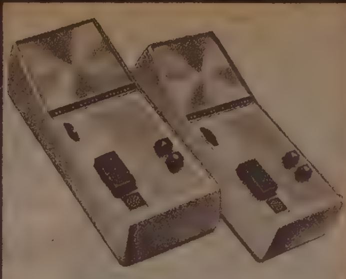
EW3A. No installation, just nits into 110 VAC outlets and talking. Ideal "babysitter." ig circuit cuts noise. Each as press-to-talk bar with lock n for monitoring; on/off and volume control. High- beige styrene case, 3½x4½x an. 1½ lbs.
211. *$5 Monthly*.......19.95

Fanon Popular-Priced Wireless Solid-State Intercom System

2-Station System $\$29^{95}$ $5 monthly

- Two Separate Talk Channels
- Quieting Circuit Cuts Noise

Model 1642. Two separate talk channels. No installation—just plug into 110 VAC outlets and talk. Operates room-to-room or between buildings on same line. Units have pilot lights, on/off volume control, talk/listen switch. Beige/Brown. 5x4¼x1¾". Japan. 3 lbs.
12 C 8212. *$5 Monthly*.......29.95
12 C 8200 X. Extra Unit. 1 lb....15.95



Fanon Deluxe Wireless Solid-State Intercom System

2-Station System $\$59^{95}$ $5 monthly

- Two Separate Talk Channels
- Filter Prevents Crosstalk

Model F1W-2. Deluxe two-channel pushbutton system with full 1-watt audio output. No installation, just plug into 110 VAC outlets. Two pair of these units can carry on simultaneous conversations without interfering with each other. Volume, talk/listen, squelch controls. Two-tone gray. 9½x4x3". Wt., 5 lbs.
12 C 8234 X. *$5 Monthly*.......59.95
12 C 8235 X. Extra Unit. 2½ lbs...30.75

Low As $\$43^{30}$ $5 monthly

SOLID-STATE

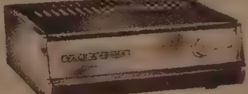
A-Phone All-Master Intercom Stations

tation can originate a call. Separate conversa- an be handled simultaneously. With press-to- r, volume control. Finished in leather-like gray nd chrome. 3⅛x10½x8¾". For 110-120 volts, Iz AC, or DC. U.L. Listed.
K-LS-5. For up to 5 stations. Uses Type 5506 uctor cable, see page 384.
79 X. Wt., 6¼ lbs. *$5 Monthly*............43.30
K-LS-10. For up to 10 stations. Uses Type 9911 ductor cable, see page 384.
84 X. Wt., 8 lbs. *$5 Monthly*..............53.50

Entire Talk-A-Phone Line Available from Allied

-LR-3R

Low As $\$43^{30}$ $5 monthly

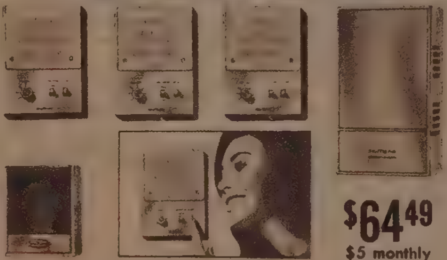


K-LR-3

A-Phone Solid-State Master-Substations

tions can call Master, but not each other. Master ess-to-talk switch, volume control. U.L. Listed. cable as above, page 384. For 115 V, AC-DC.
Master. For up to 5 Subs. Shpg. wt., 7 lbs.
085 X. Size, 7½x8¾x3⅛".............Each 43.30
0 Master. For up to 10 Subs. 7 lbs.
086 X. Size, 10½x8¾x3⅛"............Each 53.50
. Substation. Deluxe finish front. Wt., 4 lbs.
088 X. Size, 3⅛x7½x8¾"..............Each 19.40
089. K-LR-3R Substation. Above, but for flush wall Size, 4³⁄₁₆x7³⁄₁₆". Wall opening, 4⅛x6½x2" deep. chrome. Shpg. wt., 4½ lbs............Each 14.95
090. K-LR-3M. Substation. Same as K-LR-3R, but baked enamel. Shpg. wt., 4 lbs.......Each 14.95

Deluxe Wired Intercom



$\$64^{49}$ $5 monthly

NuTone "Commu-Ni-Com" 4-Station System

- Any Station Can Talk to Any Other Station
- Stations Have Talk/Listen Switch, Monitor Position

Four-station solid-state intercom and door-answering system features easy wall surface mounting or flush mounting with "A" Frame below. Includes Amplifier/Master Station; 3 Indoor Stations; Door Station; 16-V Transformer; 50-ft. Cable. For 110-120 V, 60 Hz AC.
12 C 8177 X. Shpg. wt., 10½ lbs. *$5 Monthly*.......64.49
12 C 8186. Extra Model 472B Indoor Station. 6¾x4⅞x1⅞". Shpg. wt., 1½ lbs. 7.69
12 C 8187. Extra Model 471 Door Station. 4⅝x3¾x1⅝". Shpg. wt., 1½ lbs...............................6.95
12 C 8185. 250′ 8-Conductor Cable. Wt., 8 lbs.........15.93
12 C 8191. Type 472-A "A" Frame. 6½x4⅝". 6 oz.......84¢

NuTone Electronic Door Chime

Model L-74. Use with any NuTone intercom system. Mounts on wall. Plays two notes for front, one note rear. With transformer. 7⅝x8x2½". 110-120 V, 50-60 Hz AC.
12 C 8195. Wt., 3¾ lbs.. 13.95

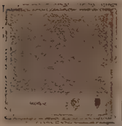
$\$13^{95}$

Solid-State Circuit

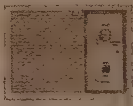
$\$121^{95}$ $7 monthly

New! Nutone Master Station FM-AM Intercom

Model 2091. New solid-state Master Station, accepts up to 8 Remote Stations. Offers hi-fi FM, AM, plus intercom. "All-Call" talk/listen lever for paging through all Remote Stations; Slide-rule tuning, AFC on FM. Eggshell white, beige. 8¾x16x1¾"; projects 1⅝" from wall. 115 VAC, 60-Hz transformer. Remote Stations, 3-cond cable below.
12 C 7990 X. Shpg. wt., 9½ lbs. *$7 Monthly*. 121.95
12 C 7991 X. Model 2090. Walnut finish. 9½ lbs. 121.95



E



F

G

Remote-Stations and Cable for 2090, 2091

E **12 C 7992 X. N2021 Indoor Remote Station.** 8" speaker, volume, talk/listen controls, detachable control panel. 12x12x2⅞". Eggshell white finish. 3¾ lbs. 16.49
12 C 8042. 2411 A "A" Frame. 12½x11". Wt., 1¾ lbs. . .1.85
F **12 C 8033. N2027 Indoor Remote Station.** 5" speaker, volume, talk/listen controls. Egg shell white. With rough-in frame, 5¼x8⅛x¾" 1½ lbs. 7.24
G **12 C 8193. 412 Door Remote Station.** 3" speaker, talk/listen switch. 3¾x4⅝". Surface mounting. Projects 1⅝" from wall. Gold finish. 1½ lbs. 10.95
12 C 8039. 200' Roll 3-Cond. Cable. 2¾ lbs. 5.49
12 C 8040 X. 1000' Roll 3-Cond. Cable. 13 lbs. 19.95

$\$99^{95}$

New! Nutone Solid-State AM/Intercom System

Delivers AM radio programs to any room desired. Consists of: **Model 2034 Master Station; 3 Model 2028 Indoor Remote Stations with Frames; Model N2006 Door Remote Stations; 200' 3-Cond. Cable.** Inside Remote Stations have "latching" talk/listen switch for continuous monitoring. Master Station has jack for record changer; intercom override and independent "on-off" pilot lights. "All-Call" lever permits paging through all Remote Stations—persons can answer without using controls. Door-switch permits answering door from any station, Remote or Master. Beige finish Master Station, 8¾x16x1¾", projects 1⅝" from wall. White inside Remote Station, 6⅜x8½x2⅝", projects ½". Gold finish door Remote Station, 5⅞x4⅜x1¾", projects ¼" from wall. Additional Remote Stations, frames below. 115 VAC transformer. Wt., 14 lbs.
12 C 7993 X. *$5 Monthly*. 99.95
12 C 7994 X. Extra 2028 Indoor Remote Station. 1½ lbs. .7.24
12 C 7995. 418 Frame. 7¼x9½x2¼". 1 lb. 3.24

Intercom Systems

Nutone Solid-State FM-AM Intercom

A

D

Master Station **$\$149^{95}$** $8 monthly

A Deluxe Solid-State FM-AM Master Stati

Model N2561. For room-to-room intercom, door answ
ing from any Remote-Station, plus FM-AM. T
radio off at any Remote Station, still send and rece
calls. Intercom mutes radio. Accepts up to 16 Rem
Stations. 6x9" speaker, AFC. Antenna, transforme
rough-in frame, 7⅜x14¼x1¾", hardware. Walnut w
silver trim. 17⅜x9⅝", projects 2" from wall. 115 VA
12 C 8180 X. Shpg. wt., 14¼ lbs. *$8 Monthly*. . . .149
12 C 8181 X. Model N2562. Above, copper finish . .149

Remote Stations and Cable for Above

B **12 C 7996 X. N2572 Hi-Fi Indoor Remote Station.**
speaker. Volume/function controls, 2 talk/list
levers. 12x12x2⅞". Projects ½". White. 5¼ lbs. 22
C **12 C 7997 X. N2570 Indoor Remote Station.** Above
speaker. 6½x9¼x1½". Projects ⅞". 2½ lbs. 14
D **12 C 8183. 2571 Door Remote Station.** 6⅛x4⅝
Black/gold. Frame, 5⅞x3⅝x1¾". 1½ lbs. 9
12 C 8083. 50' Roll 8-Cond. Cable. Wt., 2½ lbs. 4
12 C 8185. 250' Roll 8-Cond. Cable. Wt., 8 lbs. 15

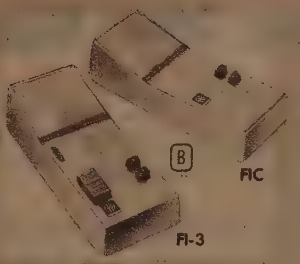
Emerson FM-AM Home Intercom System

Solid-State 5-Station System **$\$99^{95}$** $5 monthly

Model RM-16. Complete 5-station FM-AM system deli
FM-AM radio to any desired room, plus intercom c
venience between stations. Includes: **FM-AM Master Stat
3 Indoor Remote Stations; Door Remote Station; 165' 3-W
Interconnecting Cable.** Master Station has talk/lis
switch, system volume control; AM-Off-FM switch; ver
tuning dial. Remote Stations have talk/listen swit
volume control with "off" position. Weatherproof d
station lets you identify callers from any room in the ho
Solid-state design for instant operation; tuned RF st
for excellent FM reception. Radio is automatically silen
when intercom is used. Units flush-mount in walls 2
more inches thick. Master Station, 14½x5"; Indoor Rem
Stations; 7¾x4½"; Door Station, 3⅜x5⅜". Master S
tion, off-white with gold trim; Remote Stations off-wh
Door station gold-anodized aluminum. With low-volt
transformer, 4 plaster mtg. rings. 115 VAC. Wt., 14
12 C 8099 X. *$5 Monthly*. 99

Allied Has Intercom Systems to Meet Every Requireme

Fanon Solid-State Intercoms



Model FI-7 Solid-State 7-Station Master

ushbutton operation, one-watt output, volume control, lk/listen switch with lock position, separate module AC ower supply. In all Master Station systems (up to 7 Master ations), units can call one-or-more others, up to 3 separate nversations can be held. In Master Station to Remote ation systems (one Master with up to 6 Remote Stations), laster Station can call one or more Remote Stations; emote Stations can call Master Station only. Station utton No. 6 can be used with PR-15 paging relay below. ray charcoal finish, 9½x4x3¼". Aluminum trim. See ble requirements below. 115 VAC.
2 C 8232 X. Shpg. wt., 3 lbs. *$5 Monthly*. . . . . .Each 30.95

2 C 8233 X. Model FI-13 Master Station. As above, for 13 ations. Two paging buttons. Shpg. wt., 4 lbs. . Each 42.95

2 C 8228 X. Model FIR Remote Station. For FI-13, FI-7 laster Stations above. Shpg. wt., 2 lbs. . . . . Each 9.95

ABLE REQUIREMENTS. FI-13, FI-7, or FI-3 systems require cable having one ore conductor than number of stations. Example: 13-station system uses 14-nductor cable. For paging, use two/more wires than number of stations, us one shielded cable for each PR-15 paging relay used. Cable, pg. 380.

B Solid-State 2-Station Systems

2 C 8231 X. Model FIC-3 Indoor System. One FI-3 Master tation, one FIC Remote Station, 50′ 3-cond. cable. Master tation has two selector buttons. Remote Station, "beep", rivacy buttons. 9½x4x3¼". 115 VAC. 5 lbs. 35.50

2 C 8205 X. Model FID-3 Outdoor System. (Not illus.) FI-3 laster Station, FID Outdoor Remote Station, 50-ft. cable. Veatherproof outdoor Remote Station. 3¼x4¼x1¾". Beep" button. 115 VAC. 5 lbs. 33.95

2 C 8237 X. FIC Indoor Remote Station. 2 lbs. . . Each 10.75
2 C 8238 X. FID Outdoor Remote Station. 2 lbs. . . . . Each 7.65
2 C 8236 X. FIS Staff Station. Acts as Remote Station or laster Station with above. Less cable. 2½ lbs. . . . . Ea. 27.75

2 C 8229 X. PR-15 Paging/Talkback Relay. For FI-7, FI-13 laster Stations. See cable requirements. 1 lb. 19.95

2 C 8230 X. TPA Telephone Amplifier. Connects directly to laster Stations for "hands-free" conversations. 2 lbs. 10.50

2 C 8206. BM-3 Fire Sensing Device. Signals at 130° F. Use wo shielded wires to Master Station. 8 oz. . . . . Each 3.95

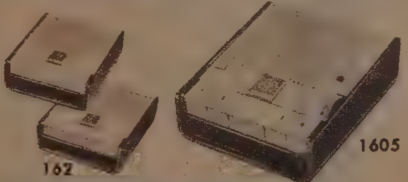
2 C 8207. BM-4 Fire Sensing Device. Above, also detects any apid temperature rise. Both units operate even when intercom system is "off". For FIC-3, FID-3. Wt. 8 oz. Each 7.75

2 C 8208 X. WC-1 Walnut Cabinet. For all "FI" units 9½x x3¼". Hand-rubbed oiled walnut finish. 1 lb. Each 5.50

1600 Series
2-Station Systems

Model 1600. Solid-state 2-station intercom system. Features 3-transistor circuit with push-pull amplifier for fine sound quality. Master Station has press-to-talk bar with lock for hands-free conversations, on-off switch, volume control. Remote Station can "beep" Master Station even when system is "off." Accepts one additional indoor Remote Station or outdoor Remote Station (Models 162 or 161 below.) 50′ cable. 1¾x4¼x5". 110-130 V, 60 Hz AC. Japan. Shpg. wt., 3 lbs.
12 C 8213 X. *$5 Monthly*. 19.95

Model ES-16 2-Station "Entry-Sentry" System. Master Station, 1¾x4¼x5". Outdoor Remote Station, 4¼x3¼x 1¾". 50′ cable. 117 VAC. Japan. Shpg. wt., 2 lbs.
12 C 8214 X. *$5 Monthly*. 19.95



Model BL-16SY "Starter Set"

Versatile "starter set" intercom package featuring Model 1605 Master Station; two Model 162 Indoor Remote Stations; two lengths 50′ cable. Master Station unit accepts up to 4 Remote Stations, indoor or outdoor. Has Remote Station selector—calls any one of four Remote Stations or all together. Remote Stations have "beep" button to signal Master Station even when system is "off." Cable has plug-in connectors for easy setup. Master Station and Remote Stations, 1¾x4¼x 5". Order additional indoor or outdoor Remote Stations below. For 110-130 V, 60 Hz AC. Shpg. wt., 3½ lbs.
12 C 8215 X. *$5 Monthly*. 29.95

12 C 8218. Model 162 Indoor Remote Station. For 1605, 1600 Master Stations. Shpg. wt., 1½ lbs. Each 5.25

12 C 8221. Model 161 Outdoor Remote Station. For 1600, 1605 Master Stations. Shpg. wt., 1 lb. . . . . Each 5.25

12 C 8222 X. 50-ft. Roll. Model 2WP Intercom Cable. For 1600 series systems. Plug-in connectors. ½ lb. . . . 2.00

12 C 8223 X. 100-ft. Roll. Model 2WP-100 Intercom Cable. For 1600 Series. Plug-in connectors. 1 lb. 3.40

New! Solid-State Two-Station Intercom Systems

C **"Echo 2A" Battery-Operated System.** Great for outdoors and campers. Features sensitive push-pull amplifier; 2½" speakers. "Beep" button allows signalling even with Master Station "off." Master Station has press-to-talk contour switch, volume control. Requires one 9-volt battery, order below. With 50′ cable. Each unit, 2x3x4". Japan. Shpg. wt., 1½ lbs.
12 C 8219 X. 9.95
18 C 5650. 9-Volt Battery. Shpg. wt., 4 oz. . . . . Each 48¢

D **"Echo 3A" AC Operated System.** Same features as above, but system operates from external 117 VAC power supply. For home, office, etc. With 50′ cable. Japan. 1½ lbs.
12 C 8220 X. 11.95

16-pages of Public Address Equipment . .
Allied's Own Products plus Other Major Brands

Top Quality, Top Names. Your assurance of value and reliability. We especially recommend the new Allied solid-state amplifiers and new sound-column and microphones.

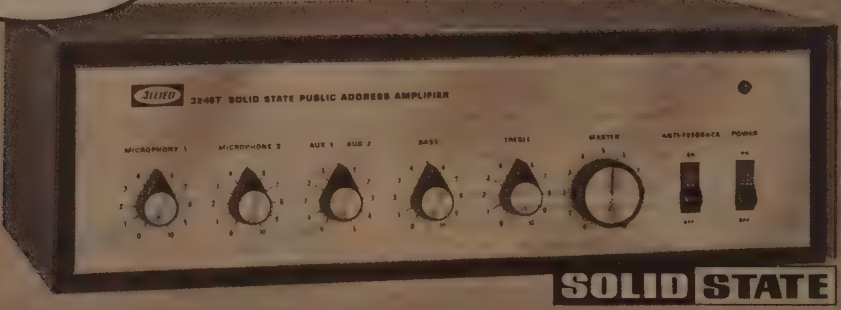
Special System Prices. Choose one of our money-saving Public Address systems in this catalog, or write for a special System Discount Price on components of your own choice.

More People Buy PA Equipment at Allied than Anywhere Else. Because we offer money-saving prices, brand names, largest stocks, plus system-planning help.

Free Consulting Service. Allied can recommend a Public Address system to meet your special needs. Just send us room size, audience size and approximate noise level.

NEW at ALLIED

ALLIED 45-Watt Solid-State PA Amplifier



$79.95
$5 monthly

All Solid-State Construction

Hi or Low Impedance Mike Switch

Mike Precedence Feature

ANTI-FEEDBACK
ON

Anti-Feedback Switch

Extra-Large Master Gain Control

Two Speaker Outlet Jacks

Rear AC Convenience Outlet

New Allied 3246T Silicon Solid-State PA Amplifier

Superb performance in any moderate-size PA application such as halls, skating rinks, or outdoors for lectures and shows. Advanced *silicon* solid-state circuit with inverse feedback for full response. Mike precedence feature permits paging over regular program. AC convenience outlet on rear of chassis. Low-frequency filter may be switched-in to cut feedback, protect speakers from overload. Mike inputs switch-controlled for high or low impedance. Two auxiliary inputs for phono, tuner or tape recorder for music-distribution. Can be used in either constant-voltage or standard impedance installations. Separate, calibrated bass and treble controls. Gain controls for mike and auxiliary inputs, plus extra-large master gain control. Has both screw type and quick-connect speaker connections. $5\frac{3}{16}$x$15\frac{1}{4}$x$9\frac{1}{2}$". Handsomely styled in gray case with brushed aluminum front. For 105-130 V, 50-60 Hz AC. Shpg. wt., 10 lbs.

12 C 7042 U. *$5 Monthly*.......................... **79.95**

12 C 7983 X. New Allied 3201A 4-Speed Manual Phono Top. Attaches atop amplifier with just a screwdriver. 6 lbs. **24.95**

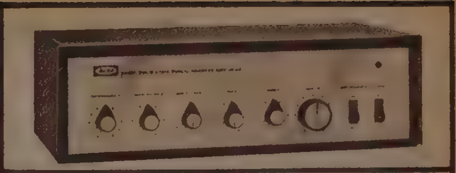
SPECIFICATIONS

Power Output: 45 watts (90 watts peak). *Frequency Response:* 40-10,000 Hz. *Inputs:* 2 Microphone; 2 Auxiliary (crystal or ceramic phono cartridge, tuner, tape recorder). *Controls:* Microphone (2); Auxiliary; Bass; Treble; Master Gain; Anti-Feedback; On-Off. *Outputs:* 4, 8, and 16 ohms, plus 25 volts and 70.7 volts; AC Convenience Outlet. *Solid-State Circuit:* 8 silicon transistors; 3 diodes. *Power Consumption:* 65 watts at 120 volts AC. *Power Requirements:* 105-130 V, 50-60 Hz AC.

INSTALLATION NOTES

Mike Connector: Amphenol 75MC1F or Switchcraft 2501F (takes 2, 1 supplied). *Auxiliary Connector:* Phono plug (takes 2, 1 supplied). *Speaker Conn.:* Screw terminals; speaker jacks, use Amph. 91MPM3S plugs, not supplied. *Speaker Cable:* Use 2-cond. (not included). *Line Cord:* 2-wire with plug, 7-ft. long. *Ventilation and Mike Plug Space Required Behind Cabinet:* 3 inches. *Ventilation Space Required Above Cabinet:* 5 inches. *Power:* 105-130 V, 50-60 Hz optional Phono Top for 60 Hz AC only.

ALLIED Solid-State 45-Watt PA Systems



Complete 45-Watt Indoor Sound-Column System

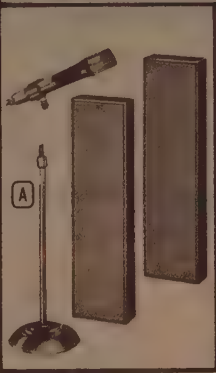
parately, $176.61. For medium-size churches, ditoriums, gyms, etc. Includes: **Allied 3246T nplifier; Allied 3311 Mike; Atlas MS10C Stand; o Allied 3300 Sound Columns.** Columns. 41x11x each. Speaker cable below.
C 0021 L5Z. Wt., 96 lbs. *$8 Monthly*.. 159.95
C 7982. **Speaker Cable**: 2-cond. 50-ft. roll. pg. wt., 8 oz. . . . . **Per Roll 1.79**

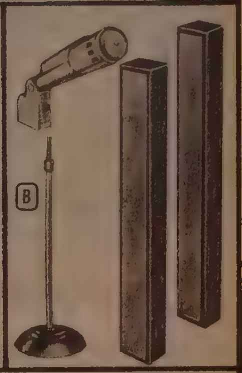
Save $16.66
$159.95
$8 monthly

B Deluxe 45-Watt Sound-Column System

parately, $226.26. Fine system for larger urches and auditoriums. Includes: **Allied 46T Amplifier; Electro-Voice 664 Cardioid Mike; las MS10C Stand; Two Argos SD1060 Sound lumns.** Each column, 30¼x7x3⅛". Order speak- cable above. Shpg. wt., 62 lbs.
C 0018 L5Z. *$10 Monthly*. 199.95

Save $26.31
$199.95
$10 monthly



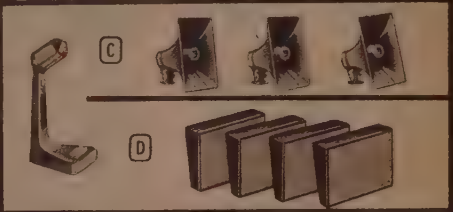


45-Watt Permanent Outdoor/Indoor PA Systems

Outdoor PA System. *Separately, $161.82. Save $21.87.* Includes: **Allied 3246T Amplifier; Elec- -Voice 719 Mike, 16-ft. Cable; 3 Electro-Voice -30A Weatherproof Trumpets, Brackets.** Speaker ble above. Wt., 25 lbs.
2 C 0017 L5U. *$7 Monthly*. 139.95

Permanent Indoor System. *Separately, $144.44. Save $4.49.* Same amplifier and mike as above, ut uses **Four 408CSL Argos 8" Speakers, Baffles.** rder speaker cable above. 35 lbs.
2 C 0016 L6U. *$7 Monthly*. 139.95

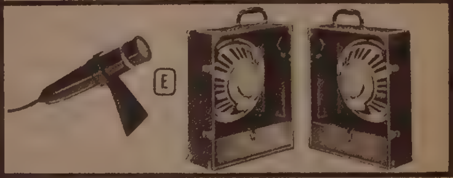
Your Choice
$139.95
$7 monthly



E Compact 45-Watt Portable PA System

parately, $131.25. Compact system packs into eaker case for easy portability. Includes: **Allied 246T Solid-State Amplifier; Allied 4525S Micro- hone; Two 12" Wide-Range Speakers; Portable arrying Case.** Order speaker hook-up cable bove. Shpg. wt., 39 lbs.
2 C 0015 L5U. *$6 Monthly*. 119.95

Save $11.30
$119.95
$6 monthly

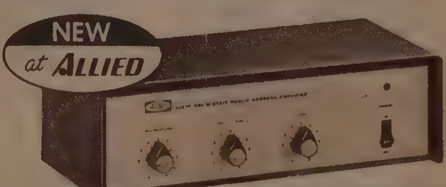


Allied 3221T Solid-State 20-Watt PA Amplifier and Systems

Low-Cost *ALLIED* 3221T 20-Watt PA Amplifier

$59.95
$5 monthly

- Advanced Silicon Transistor Circuitry
- Excellent Medium-Size Area Coverage
- Output for Constant-Voltage Systems



xcellent amplifier choice for use where clear, average-size area overage is required at lowest cost. Features latest *silicon* solid-tate circuit design for cool operation; inverse feedback to ramatically reduce hum and distortion. Fine for both voice and usic. Can be used with conventional impedance and constant-oltage speaker installations. Handy AC convenience outlet on ack of chassis. Use with high or low-impedance microphones. ray metal case with brushed aluminum front. 4½x13x7⅝". For 05-130 V, 50-60 Hz AC. Shpg. wt., 8 lbs.
2 C 7041 U. *$5 Monthly*. 59.95

SPECIFICATIONS

ower Output: 20 watts (40 watts peak). *Response:* 40-10,000 Iz. *Inputs:* 1 Mic, 2 Aux. *Controls:* Mic and Aux faders; Master one; on-off switch. *Gain:* Mic, 126 dB; Aux, 83 dB. *Outputs:* 4, , 16 ohms; 25, 70.7 V. *Circuit:* 6 transistors; 2 diodes. *Installation otes. Connectors:* Mic, Amphenol 75MC1F (one supplied); Aux, in plug (takes 2, 1 supplied). *Speakers:* Screw terminals; speaker acks, use Amph. 91MPM3S plugs, not supplied. *Space Required:* " behind, 5" above. *Power Requirement:* Amplifier, 105-130 volts, 0-60 Hz AC.

COMPLETE 20-WATT SYSTEMS

Low As
$78.85

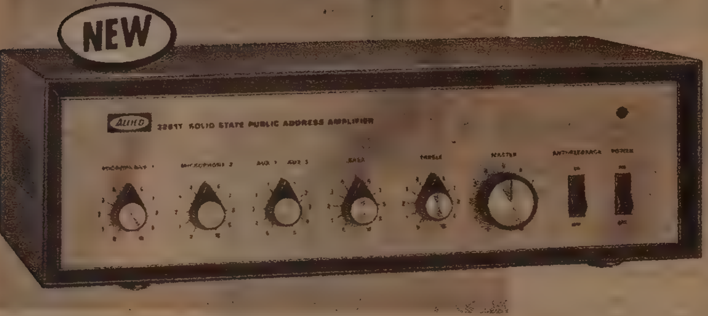
Allied Indoor System

Includes: **Allied 3221T Amplifier; (F) Allied 4525S Mike; (G) Utah TS8B 8" Speaker in Baffle.** Order speaker cable above. Shpg. wt., 12 lbs.
12 C 0020 L3U. . . .78.85

Allied Portable PA

Allied 3221T Amplifier; (F) Allied 4525S Mike; (H) 2-Piece Case with Two 12" Speakers. System fits in case. Order speaker cable above. Wt., 37 lbs.
12 C 0019 L4U. 99.95

ALLIED 80-Watt PA Amplifier and Systems



All-New! Solid-State 80-Watt Allied 3281T

$114.95 $6 monthly

- Modern Silicon-Solid-State Circuit
- Separate Bass and Treble Controls
- Multiple Inputs, Mixer Controls
- Large Master Gain Control

High- or Low-Impedance Mike Switch

Mike Precedence Feature for Paging Use

ANTI-FEEDBACK
ON
OFF

Anti-Feedback Switch Prevents Howl, Protects Speakers

Two Speaker Output Jacks

This 80-watt *all-silicon-transistor* amplifier pours out power aplenty to cover large auditoriums, factories or athletic fields, yet is priced surprisingly low. Efficient solid-state circuit draws minimum current for economical operation. Large master gain control, separate mixer controls and inputs for 2 mikes, plus fader for 2 aux inputs. Anti-feedback switch helps prevent "squeal," also protects trumpet speakers. Separate bass and treble controls. Pilot light. Gray with brushed aluminum panel. 5³⁄₁₆x15¼x11½". For 105-130 V, 50-60 Hz AC. Shpg. wt., 17 lbs.

12 C 7040 U. *$6 Monthly* 114.95

12 C 7983 X. New Four-Speed Phono Top. Shpg. wt., 6 lbs. *$5 Monthly* 24.95

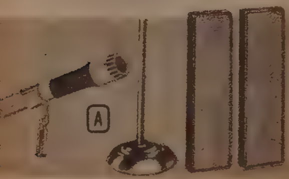
SPECIFICATIONS

Power Output: 80 watts. *Response:* 40-10,000 Hz. *Inputs:* 2 Mic, Hi or Low Imp. (switch controlled); 2 Aux (ceramic or crystal phono, tuner, or tape). *Gain:* Mic, 118 dB; Aux, 89 dB. *Hum and Noise:* Mic. 43 dB below rated output; Aux., 66 dB below rated output. *Outputs:* 4, 8, 16 ohms; 25 and 70.7 V.

INSTALLATION NOTES

Mike Connectors: Amphenol 75MC1F or Switchcraft 2501F (takes 2, 1 supplied). *Aux Connectors:* Pin plug (takes 2, 1 supplied). *Speaker Connectors:* 2 screw term.; *Spkr. Jacks:* use Amph. 91MPM3S. *Line Cord:* 7-ft., 2-wire. *Space Req. Behind Cabinet:* 3". *Vent Space Above Cabinet:* 5". *Power Consumption:* 150 watts.

Save Up to $38.40 on 80-Watt Solid-State PA Systems



Save $24.66

$186.95

$10 monthly

A 80-Watt Indoor Sound-Column System

Separately, $211.61. **Allied 3281T Amplifier; Allied 3311 Mike; Atlas MS10C Stand; two Allied 3300 Sound-Columns.** Columns, 41x11x60". Speaker cable below.

12 C 0025 L5Z. Wt., 106 lbs. *$10 Monthly* 186.95

12 C 0024 L7Z. *Save $36.56.* **Above, but Four Sound-Columns.** *Separately, $281.51.* 177 lbs. *$13 Monthly* 244.95

Save $38.40

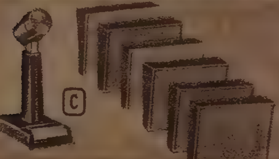
$259.95

$13 monthly

B 80-Watt Indoor/Outdoor PA System

Separately, $298.35. Includes: **Allied 3281T Amplifier; Shure 55SW Mike; Six Electro-Voice PA-30A Weatherproof Speakers.** Speakers have response to 14,000 Hz. Mount vertically or horizontally. Covers large factories, arenas or stadiums. Order speaker cable below. Shpg. wt., 189 lbs.

12 C 0023 L8Z. *$13 Monthly* 259.95



Save $17.63

$194.95

$10 monthly

C 80-Watt 6-Speaker Permanent PA System

Separately, $212.58. Six wall baffles cover large schools, churches or stores. System includes: **Allied 3281T Amplifier; Shure 450 Push-To-Talk Mike; 6 Argos 408CSL 8" Wall Baffles.** Order speaker cable below. Shpg. wt., 165 lbs.

12 C 0022 L8Z. *$10 Monthly* 194.95

Save $11.30

$154.95

$8 monthly

D 80-Watt Portable PA System

Separately, $166.25. Packs into single carrying case. Includes: **Allied 3281T Amplifier; Allied 4525S Mike; Two 12" Wide-Range Speakers; Portable Carrying Case.** Order speaker cable below. Wt., 46 lbs.

12 C 0026 L5Z. *$8 Monthly* 154.95

12 C 7982. Speaker Cable. 2-conductor. 50-ft. roll. Shpg. wt., 8 oz. .... **Per roll 1.79**

ALLIED—Knight 60-Watt PA Amplifier

3060HD Heavy-Duty 60-Watt PA Amplifier

$179.95 $9 monthly

- Special Design for Heavy-duty Use
- Six Inputs with Individual Controls
- Jack for Simultaneous Recording
- Separate Bass and Treble Controls

gged heavy-duty amplifier boasts high-capacity power supply with extra-large transmer and over-size filter capacitor. Special low-noise Mullard tubes used in preamp tion. Has all the controls and inputs you need for maximum sound system flexibility. und-level meter lets you preset each input to level desired, or properly set volume en if speakers are far from amplifier.

ur microphone and two auxiliary inputs, all high-impedance, each with mixer control. aster gain sets volume for all sources without disturbing individual settings. Separate s and treble controls. Tape recording output jack. Output tube balance and humcking controls, anti-feedback, trumpet protector switch.

ter calibrated control. Provision for plug-in low impedance mike transformer low). Local/remote mike control adapter. Gray and green. Size, 6$\frac{7}{8}$x17$\frac{1}{4}$x11″. r 110-130 V, 50-60 Hz AC. Shpg. wt., 35 lbs.
C 7976 U. *$9 Monthly*.................179.95

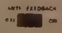
C 7977. **Low-Impedance Transformer.** Plugs in to permit use of 50 to 60-ohm mikes h long lines. Shpg. wt., 1 lb.................13.75

Sound Level Meter Lets You Preset Each Fader

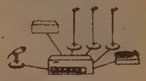
Positive-Locking Microphone Input Connectors

"Quick-Set" Impedance and Constant Voltage Selector

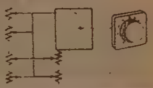
Anti-Feedback Switch Protects Speakers



Handles up to Four Mikes plus Two Other Sources



Master Gain Sets Volume Without Disturbing Faders



SPECIFICATIONS

wer Output: 60 watts rms. (120 watts k). *Response:* ±1 dB, 30-20,000 Hz. *uts:* 4 mic; 2 aux. (crystal or ceramic ono, tuner, tape, magnetic phono). *Out-s:* 4, 8, 16 ohms; 25 and 70.7 volts; h-imp. *Tubes:* two 6CA7, four 12AX7A, V6; plus 5V3 rect. and selenium rect.

INSTALLATION NOTES

Mike Connector: Cannon XLR-3-12C or Switchcraft A3M (takes 4, 1 supplied). *Aux Connector:* Pin plug (phono; takes 2, 1 supplied). *Speaker Conn.:* 2-conductor (not supplied). *Line Cord:* 3-wire, 7-ft. long. *Space Required Behind Case:* 5″. *Ventilation Space Req. Above Case:* 5″.

Accessories for PA Systems

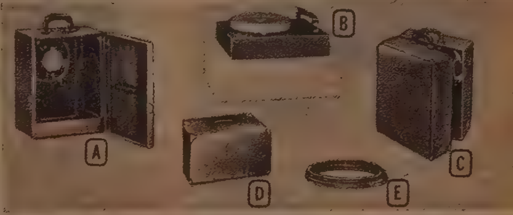
Carrying Case. For amplifiers up to 17x11$\frac{1}{4}$x7″, two 12″ speakers. 21$\frac{1}{2}$x17$\frac{1}{2}$x12″. Wt., 19 lbs.
C 7978 U. *$5 Monthly*.................19.95
C 0027 D3U. With Speakers. Wt., 29 lbs.................29.98

Allied 3201A New 4-Speed Manual Phono. For Allied 3246T, 3281T. With cartridge. 110-V, 60 Hz. AC.
C 7983 X. Shpg. wt., 6 lbs. *$5 Monthly*.................24.95

Speaker Carrying Case. For two 12″ speakers. Size, 17$\frac{3}{4}$x14$\frac{1}{2}$x12″. Shpg. wt., 14 lbs.
C 7980 U.................16.50
C 0028 D3U. Case With Speakers. Wt., 26 lbs.................26.60

Amplifier Carrying Case. Sturdy wood construction. For amplifiers to 15$\frac{5}{8}$x11$\frac{1}{4}$x5$\frac{3}{4}$″. Wt., 8 lbs.
C 7981 X.................9.95

Speaker Cable. 2-cond. POSJ cord with #20 stranding. Stripped, tinned. In 50-ft. roll. Wt., 8 oz.
C 7982. **Roll**.................1.79



mpli-Vox S-400 Solid-State 35-Watt Amplifier

parate controls permit background music without intering with paging. Inputs: 1 Mic (Lo-Z to 50K); Hi-Z x for mag. or cer. phono, tuner, tape. Output: 35 watts 0 watts peak). 50-15,000 Hz. Impedance: 4, 8, 16 ohms; V, 70.7 V; 600-ohm line. 8$\frac{3}{8}$x3$\frac{1}{4}$x8$\frac{3}{8}$″. For 105-125 AC/12 VDC. 8 lbs.
C 7053 X. *$5 Monthly*.................89.95

35-WATT PAGING AND BACKGROUND MUSIC SYSTEM

n excellent value. Includes: **S-400 Amplifier; E-V 600E w-Imp. Push-to-Talk Mike, 2 University DLC Weatherproof** eakers. 400-10,000 Hz. Order speaker cable above.
C 0010 L4X. Paging System. 15 lbs. *$7 Monthly*.......124.95

Ampli-Vox 35-Watt Paging System

Amplifier Alone $89.95

Complete System $124.95

Bogen Quality Public Address Components

Challenger Series CHS Solid-State Amplifiers

CHS100. Powerful 100-watt all silicon transistor amplifier featuring 2 high or low-impedance mike inputs with faders. Master volume, bass, treble controls. Distortion: less than 5% at 100 watts. Response: ±2 dB, 40,-20,000 Hz. Impedance: 2, 8, 16 ohms; 25 and 70-V lines. 5½x10½x15¼". For 105-125 V, 50-60 Hz AC. Shpg. wt., 24 lbs.
12 C 7311 U. *$8 Monthly*....**157.15**

CHS50. As above but 50-watt output. 4-ohm instead of 2-ohm impedance. Shpg. wt., 21 lbs.
12 C 7312 X. *$7 Monthly*....**127.45**

CHS35. Same as CHS50, but 35 watts. Non-silicon output stage. 17 lbs.
12 C 7313 X. *$6 Monthly*....**104.95**

Mounts in Series CHS Above

PMA-2 Preamplifier

Mounts into front panel of CHS amplifiers to give 2 more hi or lo-Z mike inputs, controls. 1⅝x4¾x3⅝". 3 lbs.
12 C 8262. *$5 Monthly*..........**32.95**

Challenger Tube Amplifiers

CHB100. Tube equivalent of CHS100 described above. 100-watt amplifier has 2 high impedance microphone inputs (no low-impedance) with separate controls, 2 auxiliary inputs with fader, and magnetic phono input. Master volume, bass, and treble controls. Distortion: less than 5% at 100 watts. Response: ±2 dB, 40-20,000 Hz. Impedance: 4, 8, 16 ohms; 25 and 70-volt lines. 6¾x15¾x10". For 105-125 volts, 50-60 Hz AC. Optional phono-top below. Shpg. wt., 25 lbs.
12 C 7315 U. *$7 Monthly*........**129.00**

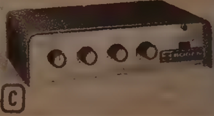
CHB50. Above, but 50 watts. 22 lbs.
12 C 7347 K. *$5 Monthly*........**97.50**

CHB35A. Above, but 35 watts. 20 lbs.
12 C 7346 K. *$5 Monthly*........**81.00**

LPC4 4-Speed Phono-Top for Bogen PA Amps. With cartridge, mounting brackets. 5x13x9½". 60 Hz AC. 7 lbs.
12 C 7373 X. *$5 Monthly*........**26.25**

$178 50
$9 monthly

Mixer-Preamp Mixes 5 Mike and 2 Aux. Inputs Simultaneously



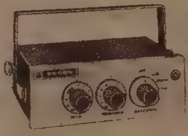
A **MXM-A Mixer-Preamp.** 5 hi-Z mike inputs (convert to 200 ohms with T200 transformer; 1 converts to mag. phono/tape); 2 hi-Z. aux. inputs, 1 bridging. Level meter; hi-Z output or 600-ohm with TL600 transformer; speech filters for each ch.; notch filters. 18-38,000 Hz, ±1 dB. 4¾x16½x12". 105-125 V. 50-60 Hz AC, 23 lbs.
12 C 7310 U. *$9 Monthly*........**178.50**

B **MTA60 Solid-State 60-Watt Amplifier.** All silicon. 3 low-Z mike inputs, 2 aux. ±1 dB, 30-20,000 Hz. For 105-125 V, 50-60 Hz AC. Wt., 23 lbs.
12 C 7078 X...................**154.50**

MTA30. Above, but 30 watts. 19 lbs.
12 C 7075 X. *$7 Monthly*.......**123.00**

C **MX6AT Solid-State Mixer Preamp.** Adds extra mike channels to amplifier or tape recorder. 4 high or low impedance inputs; separate vol. control. ±2 dB, 50-20.000 Hz. 9¼x6x2⅝". For 117 V, 50-60 Hz AC. Wt., 6 lbs.
12 C 7349 X. *$5 Monthly*........**48.75**

D **MO100A 100-Watt Booster-Amplifier.** Has 115-V industrial output. Provision for paralleling several amplifiers. Response: ±1 dB, 8-50,000 Hz. Distortion: under 2% at 100 watts. Impedance: 16 ohms; balanced 25, 70, 115-volt line. Requires 2-volt input. Size, 6¾x8x13". For 105-125 V, 50-60 Hz AC. Shpg. wt., 33 lbs.
12 C 7316 U. *$8 Monthly*........**150.00**



35-W Mobile Amplifier

BT35A. Solid-state. One mike, 2 aux. inputs. Under 10% distortion at 35 watts. ±3 dB, 150-15,000 Hz. 4, 8, 16 ohms. 3x8x6¼". For 12 VDC. Wt., 8 lbs.
12 C 7393 X. *$5 Mo.* **85.50**

Plug-In Transformers

Plug into socket on amps. **1200 Mike Xformer. 200 ohm.**
12 C 7381. 2 lbs.......**12.90**

TL600 Line Xformer. For MXMA, MO100A. 500/600Ω.
12 C 7367. 2 lbs.....**13.20**

MX60A 60-Watt Amplifier

Five mike inputs (4 convert to lo-Z with T200, above, one to mag. phono/tape head) plus 2 aux. Simultaneously mix and fade 6 inputs. 10-38,000 Hz. 4, 8, 16 ohms; bal. 25 and 70 V (83 ohms) line. 4¾x16½x12". 117 VAC.
12 C 7379 U. 37 lbs. *$11 Mon.* **217.50**

MX30A 30-Watt Amp. 163-ohm output, instead of 83. 34 lbs.
12 C 7380 U...................**172.50**

M60A 60-Watt Amplifier

Has 3 mike inputs (1 converts to phono). Master gain; separate bass, treble controls. Level markers. ±2 dB, 35-20,000 Hz. 4, 8, 16 ohms; bal. 25, 70 V (83 ohms) line. Less than 2% distortion at 60 watts. 16¼x5⅜x13". For 105-125 V, 50-60 Hz AC. 29 lbs.
12 C 7369 U. *$8 Monthly*........**154.50**

12 C 7382 U. M330A 30-Watt Amp. 163-ohm output instead of 83. 20 lbs..**123.00**

$191 05
$10 monthly

VP25A 20-W Transcription Player

One side of case is 20-watt amplifier/player; other side is 12" speaker with 25' cable. Automatic cuing. Variable 29-86 rpm, click-stops at 16, 33⅓, 45, 78-rpm. ±1 dB, 45-18,000 Hz. Inputs: 2 hi-Z mikes, phono. 15¼x16½x10¾". 115 V, 60 Hz.
12 C 7322 U. Wt., 40 lbs. *$10 Monthly*. **191.05**

VP50-ADS. 40 watts. Two 12" speakers. 4, 8, 16 ohms; 25, 70 V. 7x15¾x16½"; speaker case, 16½x15¾x11½".
12 C 7378 L2U. 60 lbs. *$14 Monthly*....**265.55**

ALLIED Dynamic Microphones and Outfits

3310P Outfit

Save $2.90

$\$59^{95}$ **Two 3310 Mikes in Carrying Case**

$5 monthly

3310 Cardioid-Dynamic Mike

- 40-16,000 Hz Frequency Response
- 50,000 Ohms • —54 dB Sensitivity

Highly effective cardioid pattern suppresses noise, reverberation, and feedback. Comfortable hand-held design, but may be mounted on standard threaded stand with stand coupler and swivel mount (included). Or, use with desk stand as illustrated. Response, 40-16,000 Hz. Impedance, 50,000 ohms. Sensitivity, —54 dB. $7\frac{27}{32}$x$1\frac{13}{16}$″ diameter. Satin-chrome zinc die-cast housing. With 5-ft. 3-conductor shielded cable and 3-prong connector, ⅝″-27 stand coupler, swivel mount, desk stand. Japan.
12 C 7159. 1½ lbs. *$5 Monthly.* 24.95

3310P Outfit. Two 3310 mikes in handsome mar-resistant beige polystyrene carrying case. Velvetine lined. Steel latch. 13½x11¾x2½″. 6 lbs.
12 C 7158. *$5 Monthly*..........59.95
12 C 7160. Case Alone. 3 lbs.....12.95

NEW
ALLIED 3310

Ideal for Use in Directional Applications

$\$24^{95}$

$5 monthly

3311P Outfit

Save $2.90

$\$49^{95}$ **Two 3311 Mikes in Carrying Case**

$5 monthly

Model 3311 Dynamic Mike

- 45-15,000 Hz Frequency Response
- 10,000 Ohms • —65 dB Sensitivity

Quality-constructed omnidirectional dynamic mike gives high performance. Comfortable hand-held design, but may be used as desk mike with stand included. Has an excellent 45-15,000 Hz frequency response. Impedance, 10,000 ohms. Sensitivity, —65 dB. 10⅛x1⅜″ diameter. On/off switch. Attractive chrome and black zinc die-cast housing. With 5-ft. 2-conductor shielded cable and 2-prong connector, desk stand, mike holder, ⅝″-27 stand coupler, swivel mount. Japan.
12 C 7156. 1½ lbs. *$5 Monthly.* 19.95

3311P Outfit. Two 3311 mikes in deluxe form-fitted carrying case. Velvetine lined. Beige polystyrene. Steel latch. 13½x11¾x2½″. 6 lbs.
12 C 7155. *$5 Monthly*..........49.95
12 C 7157. Case Alone. 3 lbs.....12.95

NEW
ALLIED 3311

Wide Response is Perfect for Hi-Fi Systems

$\$19^{95}$

$5 monthly

4525P Outfit

Save $2.00

$\$33^{75}$ $5 monthly

Model 4525 Dynamic Mike

- 70-12,000 Hz Frequency Response
- —63 dB Sensitivity • 12-ft. Cable

Low-cost, high-grade omnidirectional dynamic mike for general-purpose use. May be hand-held or used as a desk mike with stand (included). Durably constructed for hard service and long life. Provides performance of mikes priced considerably higher. Has 70-12,000 Hz frequency response; −63 dB sensitivity. High impedance. 4¾x1″ diameter. High-impact Cycolac® chrome-trimmed housing. With 12-ft. cable and molded phone plug.
12 C 7162. Shpg. wt., 1 lb.....12.95

12 C 7015. 4525S. Similar to above but has on-off switch...............13.95

4525P Outfit. Two 4525 mikes in 8x10½x3″ carrying case.
12 C 7164. *$5 Monthly.* 3 lbs.....33.75
12 C 7163. Case Alone. 1 lb.......9.85

NEW
ALLIED 4525

High-Performance General-Purpose Mike and Stand

$\$12^{95}$

SHURE Mikes for PA,

NEW!

Ideal for Entertainers,
PA and Recording

$63⁰⁰

$5 monthly

548S "Unidyne IV" Dynamic Cardioid Mike

Rugged, feedback-free unidirectional dynamic mike for entertainers, PA systems and hi-fi recording. Features improved shock mounting; wind, pop & blast filters; on-off switch and swivel mount. 40-15,000 Hz response. Dual impedance: low-Z, −55.5 dB; hi-Z, −55 dB. 15-ft., 2-conductor detachable cable with broadcast-type Cannon connector. Smart chrome and black housing. 5 13/16x1 9/16" dia. Shpg. wt., 2¼ lbs.
12 C 7200. *$5 Monthly*............63.00

12 C 7203. 548. Above, but no on-off switch or swivel mount. With swivel adapter. Shpg. wt., 2 lbs....................60.00

$60⁰⁰

$5 monthly

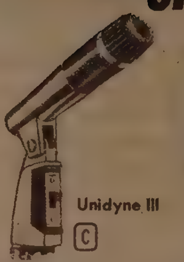
$24⁰⁰

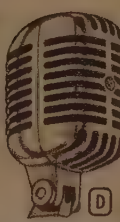
$5 monthly

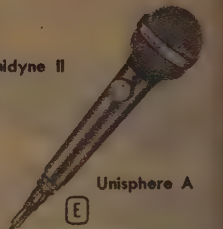
Dynamic Cardioid Mikes

A 565S "Unisphere I." Feedback-free, dynamic cardioid ball-type mike for hi-fi recording and PA applications, indoors or out. Wire-mesh screen protects from breath blasts and wind. 50-15,000 Hz. Outputs: 50-250 ohms, −57 dB; hi-Z, −55 dB. 15-ft. detachable cable, on-off switch, swivel mount, chrome and black housing. 6¼x2". Shpg. wt., 2½ lbs.
12 C 7211. *$5 Monthly*...............60.00
12 C 7303. 565. Above, no on-off switch. Swivel adapter. 2½ lbs...............57.00
12 C 7216. 566. Deluxe version of 565S, shock mtd. 40-15,000 Hz. 2¾ lbs...84.00

B New 515SA "Unidyne B." Low-cost dynamic cardioid mike solves sound system feedback and boominess problems. 80-13,000 Hz. Hi-Z output, −58 dB. On-off switch and swivel adapter for stand or hand-held use. 15-ft. 1-conductor, nondetachable shielded cable. Chrome and black housing, 6 7/16x1½" dia. 1½ lbs.
12 C 7217. *$5 Monthly*...............24.00
12 C 7227. 515SB. Low-Z version of above, −59.5 dB. 15' 2-cond. cable.........21.00







"Unidyne" and "Unisphere" Dynamic Cardioid Mikes

C 545S "Unidyne III." Versatile, unidirectional dynamic mike for feedback-free use by entertainers and speakers and in hi-fi recording and public address work. Features "on-off" switch and swivel mount to permit aiming it in any direction. Wind and "pop" filter reduces voice and wind noises for clear voice reproduction. 50-15,000 Hz response. Outputs: low-Z, 50-250 ohms, −57 dB; hi-Z, −55 dB. With 15' detachable cable. 5¾x1¼". 3 lbs.
12 C 7133. *$5 Monthly*.........53.97

12 C 7161. 545 Above, but no on-off switch. Swivel adapter.......51.00

12 C 7458. 546. Deluxe version of 545S. Shock-mounted. Shpg. wt., 3⅝ lbs...................81.00

D 55SW "Unidyne II." 50-15,000 Hz response. Outputs: low-Z, 35-50 ohms, −55 dB; 150-250 ohms, −56 dB; hi-Z, −55 dB. Features on-off switch, swivel mount and 15' cable. 4½x2¼x3¼". Wt., 3⅛ lbs.
12 C 7135. *$5 Monthly*.......51.00

12 C 7234. 55S. Above, but no on-off switch. *$5 Monthly*.......49.80

12 C 7235. 556S. Deluxe version of 55SW. Response, 40-15,000 Hz. Shock mounted.................81.00

E 585SAV. "Unisphere A." Ball-type unidirectional dynamic mike with anti-feedback feature and "pop-proof" filter for undistorted voice and music transmission, indoors or outdoors. Has volume control to regulate amplifier output at mike. For use with high-quality sound systems or hi-fi recording systems in auditoriums, theaters, churches, night clubs, picnic areas, ball parks—anywhere fine voice or music transmission is needed. 50-13,000 Hz response. Hi-Z only: −56.5 dB. Shock mounted replaceable cartridge. One-conductor, 15-ft. detachable shielded cable. 6¾x2 1/16" dia. 2¼ lbs.
12 C 7232. *$5 Monthly*.........43.50

12 C 7266. 585SAVC. Above with pre-wired plug end assembly for use as MC1F, MC1M or phone plug.......................44.70

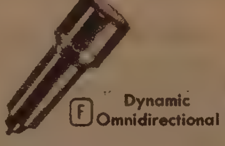
12 C 7274. 585SBV. 585SAV above, but low-Z only..............43.50

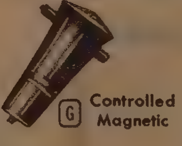
12 C 7304. 585SA. Same as 585SAV, but no volume control.....39.00

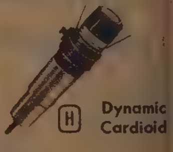
12 C 7231. 585SAC. Same as 585SA above, with pre-wired plug end assembly for use as MC1F, MC1M or phone plug..............40.20

12 C 7305. 585SB. 585SA above, low-Z. 2-cond. 15' cable.......34.80

Lavalier-Type Recording and PA Microphones







F Model 560. Dynamic omnidirectional mike for lavalier, hand-held and gooseneck-mounted use. With lavalier assembly for lectures, demonstrations and ceremonies where hands must be kept free. 40-10,000 Hz. Dual output: 150-250 ohms or hi-Z, −56.5 dB. 18' cable. 4x1½".
12 C 7461. *$5 Monthly*. Shpg. wt., 1 lb.............................25.50

G 420. Controlled magnetic omnidirectional, with lavalier assembly for PA uses where hands must be kept free. Also for hand-held and gooseneck-mounted applications. 60-10,000 Hz. 150-250 ohms or hi-Z −52 dB. 20' cable. 3¾x1¾".
12 C 7212. Shpg. wt., 12 oz...................................18.00

H 545L "Unidyne III." Broadcast-quality dynamic cardioid mike for lavalier use in PA and hi-fi recording work. Full 50-15,000 Hz hi-fi response. Output: low-Z, −57.5 dB. 20' cable. With lavalier assembly. 5⅛x1¼". Shpg. wt., 2 lbs.
12 C 7339. *$5 Monthly*..42.00

ecording and Communications

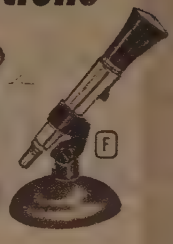
A

B

C

D

E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General-Purpose Omnidirectional Dynamic Mikes

78S "Omnidyne." Super slim for
omfortable hand use. 50-17,000
Hi-Z/250 ohms, −59 dB. 15′
le. Swivel mount, on-off switch.
7460. Wt., 2 lbs. 54.00
7442. 578. Above, but for hand/
d use. Swivel adapter. 49.50

50S. 50-15,000 Hz response. Hi-
/50-250 ohms, −57.5 dB. 15′
le, swivel mount. 6½x1½″ dia.
g. wt., 2¼ lbs.
7459. *$5 Monthly*. 41.40

40S "Sonodyne II." 50-13,000/
400-6000 Hz. On-off. Hi-Z/50-250,
dB. Swivel mt. 15′ cab. 3⅝x1¾″.
7132. Wt., 3⅛ lbs. 29.97
7395. 540. No switch. 28.77

D **51S "Sonodyne I."** Average −51 dB output. 30-50/150-250 ohms/Hi-Z. 60-10,000 Hz. Swivel adapter. 15′ cable. 4½x3⅛x3⅞″. 3½ lbs.
12 C 7136. *$5 Monthly*. 30.90
12 C 7228. 51. No switch. 29.70

E **575S.** 40-15,000 Hz. Hi-Z, −56 dB. On-off switch, stand adapter, lavalier cord. 7′ cable. Less base. 4¾x1⅛″ dia. Wt., 1 lb.
12 C 7462. .14.40
12 C 7471. 575SB. Above, low-Z 12.60

F **430.** Controlled magnetic. 60-10,000 Hz. 150-250 ohms/Hi-Z, −52 dB. On-off switch, swivel adapter, 15′ cable. Less base, 6¾x1¾″ dia.
12 C 7213. 2¼ lbs. *$5 Monthly*. .23.10

$30⁰⁰
$5 monthly

533SA Omnidirectional Dynamic Mike

Excellent performing hi-Z dynamic mike for tape recording, entertainers and PA applications. Ideal for auditoriums, theaters, churches, night clubs, parks and stadiums. Wind, breath and pop filters eliminate explosive noises indoors or outdoors. On-off switch. Response: 40-11,000 Hz. Hi-Z, −54.5 dB. One-conductor, shielded 15′ cable. Swivel adapter. Satin chrome. 6⅝x2¹⁄₁₆″. Wt., 1¾ lbs.
12 C 7309. *$5 Monthly*. 30.00

12 C 7318. 533SAC. Above, but with prewired plug end for use as MC1F, MC1M or phone plug. 31.20

12 C 7338. 533SB. 533SA above, but low-Z, −55.5 dB. 28.50

G

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J

K

L

Omnidirectional Mikes for Communications and Paging

450. Controlled magnetic mike with
adjustable stand and lockable push-
talk bar. Mike relay. 100-10,000 Hz.
Z, −54 dB; low-Z, −55 dB. 2-
e gray "Armo-Dur" case. 7′ cable.
⁄2x5¾x4″. Wt., 2¼ lbs.
C 7444. *$5 Monthly*. 29.70

New 444T. Controlled magnetic
mike with transistorized preamp
d volume control for variable high
tput and maximum modulation.
justable mike height, lockable push-
talk bar, self-contained battery.
-6000 Hz. Less than 1000 ohms.
⁄2 (adj.)x4x5¾″. 2⅛ lbs.
C 7449. *$5 Monthly*. 29.70
C 7441. 444. Above, but no preamp.
Z only. *$5 Monthly*. 25.50

J **TH100.** Professional mobile telephone handset. Controlled magnetic. 200-3000 Hz. Transmitter, Hi-Z; receiver, 125 ohms. Cradle for dashboard mounting. 4′ coiled cable. Black "Armo-Dur" case. Handset, 8½x2½x2½″; cradle, 3¼x3x3″.
12 C 7307. Wt. 2⅛ lbs. 34.80

K **202.** Ceramic, noise-canceling. 200-4000 Hz. Hi-Z, −50 dB. Press-to-talk. Bracket, 5′ coiled cable.
12 C 7465. Wt., 1 lb. 12.00

L **520SL.** Controlled magnetic mike with lockable grip-to-talk bar. 100-9000 Hz. Hi-Z, −52.5 dB. 7′ cable. Chrome/green, 9⅜x5x7″. 5 lbs.
12 C 7233. *$5 Monthly*. 27.00

M

N

Communications Mikes

M **488T.** Transistorized, controlled magnetic, noise-canceling mike. FAA approved. Replaces carbon types. 200-4000 Hz. −3 dB. Push-to-talk switch, bracket. 5½′ coiled cable. 3¾x2⅝x2½″. 1 lb.
12 C 7306. *$5 Monthly*. 43.50
12 C 7440. 488B. Above, but no transistorized preamp. 150-250 ohms. Output, −37 dB. 34.50

N **404C.** Controlled magnetic, Hi-Z. 400-4000 Hz. −54 dB, Push-to-talk switch, bracket, 5½′ coiled cable. 3¾x2⅝x2″. 1 lb.
12 C 7141. . . . . .19.80
12 C 7140. 404B. Above, but 150-250 ohms. Output: −52 dB. 19.80

Accessories for Shure Microphones Sold on These Two Pages

A-25B Adapter. 90° swivel adap-
ter for all Shure mikes. ⅝″ −27
ead. Shpg. wt., ½ lb.
C 7446. . . . . .3.30

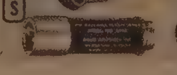
A-2WS Windscreen. For models
545S, 545, 545L, 546, 578 &
8S. 4x2¼″. Wt., 5 oz.
C 7308. . . . . .3.60

S **A95A Transformer.** Low-Z to Hi-Z. Matches 35-50 or 150-250 ohms. MC1F output. XL-3-11 input ±1 dB, 20-20,000 Hz.
12 C 7466. 2½x¾″. 9 oz. . . .10.50

T **S-38B Base.** For Shure mikes with stand adapter. Wt., 1½ lbs.
12 C 7445. . . . . .2.70

P

R


S

T

A
B
C
D
Shown on optional stand

Has Continuously Variable-D For Maximum Front-to-Back Ratio with Uniform Response

$\$53^{40}$ $5 monthly

674 Dynamic Cardioid Mike

- 60-15,000 Hz for Music Recordings
- Symmetrical Pattern at All Frequencies
- Quick Impedance Changes without Tools

Continuously "Variable-D" feature assures symmetrical cardioid pattern at all frequencies. Three-position bass-tilt switch adjusts for feedback control in public address and recording. 60-15,000 Hz response makes it an ideal mike for tape recording, musical entertainment, public speaking, paging and communications.

Dual impedance selection: 150 ohms and hi-Z. Output: −57 dB. On-off switch. QC-4M connector for quick impedance changes without tools. 15′ two-conductor cable. Chrome finish. 7⅞x1¼″ dia. Stud mount with ⅝″-27 thread. Shpg. wt., 2 lbs.
12 C 7098. *$5 Monthly*..............53.40

Electro-Voice Microphones

A 676 Cardioid Dynamic Mike

Continuously Variable-D assures symmetrical cardioid pattern at all frequencies. Three-position switch selects flat response for small rooms; or low-frequency attenuation of 5 or 10 dB at 100 Hz for big rooms. 60-15,000 Hz response. Impedance: 150 ohms, hi-Z. Output: −57 dB. 15′ two-conductor cable, QC-4M connector, 300 stand adapter. ⅝″-27 thread. Satin chrome finish. 7⅜x1¼″. Wt., 2 lbs.
12 C 7432. *$5 Monthly*.......53.40

B RE15 Cardioid Dynamic Mike

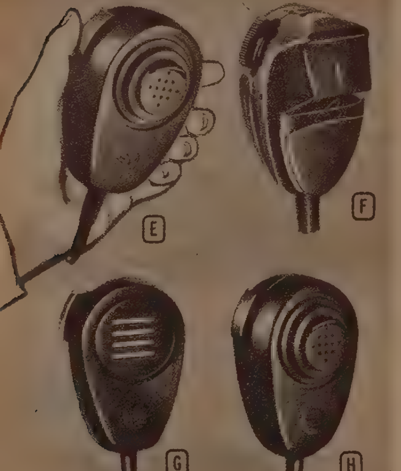
Professional super-cardioid dynamic provides maximum rejection of unwanted off-axis noise. Off-axis response is symmetrical with front response to eliminate coloration. Bass-tilt switch to restore spectrum balance for longer reach. 80-15,000 Hz response. Impedance: 150 ohms. Output: −56 dB. 18′ two-conductor broadcast cable. Non-reflecting nickel finish. 6 1/32x 1⅜″ dia. With metal case and stand adapter. Shpg. wt., 4 lbs.
12 C 7252. *$8 Monthly*.......153.00

C 627 Cardioid Dynamic Mike

Excellent moderately priced mike for vocalists. Cardioid pickup pattern rejects sound from rear and sides. Bass response is accentuated as working distance is reduced. Weighs only 8 oz. (less cable). 80-11,000 Hz response. Impedance 150 ohms and hi-Z. Output: −58 dB. 15′ two-cond. cable. 6″ long, 1½″ dia. head, ¾″ shank. ⅝″-27 thread. Chrome finish. Shpg. wt., 1½ lbs.
12 C 7099. *$5 Monthly*.........37.80

D 664 Cardioid Dynamic Mike

Popular dynamic mike used for recording, communications and PA use. Variable D cardioid pickup pattern for rejection of unwanted background noise. Pop-proof wire mesh grille minimizes breath blasts to allow close talking without boominess. Shielded Acoustalloy diaphragm. Response: 60-15,000 Hz. Impedance: 150 ohms; Hi-Z. Output: −58 dB. On-off switch. 15′ cable. ⅝″-27 thread. Chromed. Less 418 stand. 7¼x1⅞″. 3 lbs.
12 C 7241. *$5 Monthly*.........53.40



Handheld Communications Mikes

E Transistorized Mike

602FTR. *Transistorized* noise-canceling dynamic for carbon communications mike replacement. Suited to commercial and industrial equipment. Amplifier matches output level to input requirements of any equipment using carbon mike. Dynamic transducer enhances intelligibility. Press-to-talk switch. 5′ coiled cord. 2 lbs.
12 C 7248. *$5 Monthly*.........40.80

G 600E Dynamic Mike

Dynamic mobile communications microphone with press-to-talk button. 100-7,000 Hz response. Output: −55 dB. Available in high or low impedance: hi-Z wired straight through for VOX; balanced low-Z wired for open circuit paging. Coiled cord extends to 6′. With bracket. Gray. 2½x4x1½″. 1 lb.
12 C 7483. Hi-Z..............24.60
12 C 7485. Low-Z.............24.60

F Differential Carbon Mike

205STCKK. Close-talking, noise-canceling, carbon mike for aircraft and emergency communications with high intelligibility under severe noise conditions. Blastproof, waterproof, shock-resistant. Press-to-talk switch closes mike & relay. −50 dB output at ¼″. FAA approved. Black hi-impact case. With 5′ coiled cord. 4x2¼x2″. 1 lb.
12 C 7035. *$5 Monthly*.........31.50

H 602F Noise-Canceling Mike

Close-talking, noise-canceling dynamic mobile communications mike with press-to-talk switch that controls mike and relay. 200-5,000 Hz response. Output: −55 dB. Available in high or low impedance. Gray cycolac case, 4x2½x 1¾″. With 5′ coiled cord and mounting bracket. Shpg. wt., 1 lb.
12 C 7482. Hi-Z..............36.30
12 C 7484. Low-Z.............36.30

Get the Mike You Need Now with Your Allied Credit Fund

$37.80
$5 monthly

Electro-Voice Microphones

647A Dynamic Lavalier

.tweight, compact dynamic for lavalier use. Weighs only nces. Ideal for public speaking eading, sales demonstrations, l discussions—any PA use reng freedom of hands. 70-00 Hz response. Impedance: . Output: −60 dB. Gray finish. a 18′ cable, lavalier neck cord nbly and stand adapter. $3\frac{5}{8}$" . $\frac{3}{4}$" dia. Shpg. wt., 1 lb.
7264. *$5 Monthly*.......51.90
7125. Above, Lo-Z.....51.90

B 636 Dynamic Mike

uxe omnidirectional dynamic for PA, recording and gen- use. 60-13,000 Hz response. l selectable impedance: 150 s or hi-Z. Output: −58 dB. off switch in stand mount- Swivel base has standard 27 thread. Satin-chrome fin- $10\frac{1}{4}$" long, including stud. diameter. Nearly impervious amage from mechanical shock. h 15′ two-conductor cable. g. wt., 2 lbs.
7244. *$5 Monthly*.......45.60

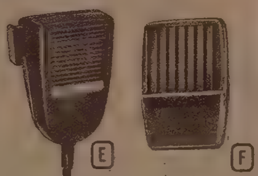
C RE55 Dynamic Mike

Omnidirectional response mike especially suited to full-range music recording and other exacting professional applications. For hand and stand use. Pop-proof; built-in blast filter. Response is extremely stable: mike can be calibrated for use as secondary lab standard. 40-20,000 Hz. Impedance: 150 ohms. Output: −55 dB. 18′ three-conductor cable. Satin nickel finish. $10\frac{1}{2}$x$1\frac{1}{32}$". $\frac{3}{4}$" shank. $1\frac{1}{4}$ lbs.
12 C 7250. *$6 Monthly*......126.00

D 635A Dynamic Mike

Widely accepted professional omnidirectional dynamic mike for hand or stand use. Four-stage pop and dust filter eliminates need for external windscreen. 80-13,000 Hz response. Low impedance. Output: −55 dB. Magnetically shielded diaphragm, turned-steel case. Cannon XLR-3-11 connectors between mike and cable. Nonreflecting matte nickel finish. 6x$1\frac{3}{8}$" dia. 18′ three-conductor cable. Stand adapter. 1 lb.
12 C 7481. *$5 Monthly*.......49.20

Low-Cost Ceramic Mikes



lectro-Voice 714 Ceramic. For CB, other communications. Omnidirection- 100-7,000 Hz. Hi-Z; −55 dB. Push- alk. $3\frac{5}{8}$x$2\frac{1}{2}$x$1\frac{7}{16}$". 5′ cord, bracket.
C 7259. Wt., 1 lb...............10.50

lectro-Voice 721 Ceramic. Economical hand-and-stand mike for recorders general use. 100-5,000 Hz. Hi-Z; −52 $3\frac{3}{8}$x$2\frac{1}{4}$x1". 5′ cable. 1 lb.
C 7255...........................4.08

Accessories for Electro-Voice Microphones

C 7146. Model 418 Desk Stand. 611, 623, 630, 641, 636, 674 latest model 644, 664 with ll studs. Gray. $2\frac{1}{16}$x$4\frac{7}{16}$x$5\frac{1}{2}$". g. wt., 3 lbs. 8.10

C 7209. Model 419 Desk Stand. , 664 w/lge. stud. 3 lbs...8.10

C 7196. Model 420 Desk Stand. Model 676. 3 lbs..........12.60

C 7148. 428 Touch-To-Talk Stand. DT lever to control mike, relay. mentary/lock. $\frac{5}{8}$"-27 thd. 7x ". $1\frac{1}{2}$ lbs................18.90

Model 307 Boom Mount. For suspension of RE15. 1 lb.
12 C 7335. *$5 Monthly*.......20.70

12 C 7334. Model 314 Windscreen. For RE15. $1\frac{1}{2}$ lbs...........7.80

12 C 7340. Type 502B Transformer. Matches low-Z mikes to hi-Z inputs. 30″ cable. 1 lb..........9.90

12 C 7428. 337 Windscreen. For 627. $\frac{1}{2}$ lb............................4.80

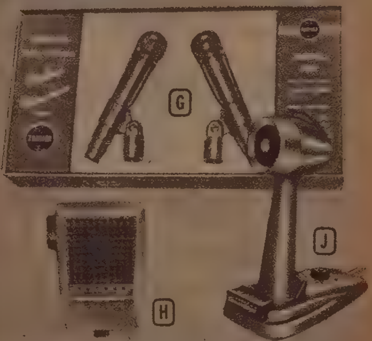
12 C 7332. 376 Windscreen. For 676, 674. $\frac{1}{2}$ lb................9.30

631 Hand-Size Vocal Mike

- Ideal for Entertainers, Musicians
- Removable Magnetic On-Off Switch Actuator
- Virtually Unaffected by Breath or Wind

Hand-size mike for vocal and instrumental entertaining, PA and recording. Magnetic on-off switch removes to leave mike always on. 80-13,000 Hz. Omnidirectional. Hi or low-Z. −55 dB. Four-stage blast filter. $6\frac{5}{32}$x$1\frac{25}{64}$". 16′ cord. Shpg. wt., 3 lbs.
12 C 7251. Low-Z. *$5 Monthly*..........37.80
12 C 7247. Hi-Z. *$5 Monthly*............37.80

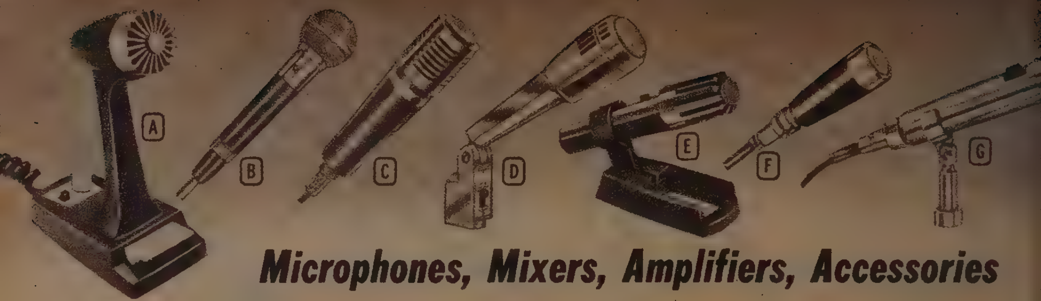
TURNER MICROPHONES



G Model 500-06 "Stereo Twins". Matched pair of broadcast-quality cardioid dynamic mikes. 40-15,000 Hz. Directional pattern eliminates feedback. 150 ohms or hi-Z. −55 dB. With windscreen, on-off switch, 90° adjustable swivel mount. Chromed. 10′ cable. $6\frac{13}{16}$x$1\frac{7}{32}$". Wt., 6 lbs.
12 C 7221. *$6 Monthly*............110.54
12 C 7029. One Mike Only. 3 lbs.....55.27

H "M+2/U" Mobile CB Mike. Transistor preamp; adj. gain & vol. 300-2500 Hz. 500 ohms, −27 dB. 5′ coil cord, battery.
12 C 7032. Wt., 2 lbs...............23.23
12 C 7034. "JM+2/U". Above, wired for electronic switching..................23.23

J "Plus 2". Same as "M+2", for base use. Ceramic. Push-to-talk. 5′ cord.
12 C 7084. $7\frac{3}{4}$x$3\frac{3}{4}$x$5\frac{1}{2}$". 3 lbs......32.34
12 C 7165. 254C. No preamp. 7′ cord. 100-8,000 Hz. −54 dB................17.05



Microphones, Mixers, Amplifiers, Accessories

A **AMD Model 38-515 Dynamic Microphone.** For PA or Ham use. Built-in 2-transistor amplifier with 0-50 dB controllable gain. Operates up to 200 hours on standard 9-V battery (included). Response, 300-5000 Hz. Sensitivity, −38 dB. Die-cast aluminum. 8¼″ high, 5⅜x3¼″ base. With coiled 64″ 3-wire shielded cable. Japan.
12 C 7137. 2½ lbs. *$5 Monthly* 25.95

B **AMD Model 38-650 Cardioid Dynamic Microphone.** Allows you to control feedback, "pop" or boom, and wind noise. 50-15,000 Hz response. Dual impedance, 150 and 50,000 ohms. Has on-off switch. 6″ long. With 10-ft. cable, mike holder, plastic carrying case. Shpg. wt., 2 lbs. Japan.
12 C 7268. *$5 Monthly*........24.95

C **AMD Model 38-045 Cardioid Dynamic Microphone.** Excellent for professional-quality recordings with transistorized tape recorders. Use in your hand, with lavalier, on desk or floor stand. Eliminates background noises. 50-14,000 Hz. Impedance, 150 ohms. Only 4″ long. Lavalier cord, swivel adapter, 20-ft. cable. Japan.
12 C 7267. 2 lbs. *$5 Monthly*..19.95

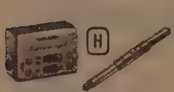
D **AMD Model 38-504 Dynamic Microphone.** An all-around mike adaptable to low and high-impedance inputs. Selectable impedances of 600 and 50,000 ohms. Frequency response is linear from 40 to 15,000 Hz. Output, −52 dB. On/off switch. 6x3″ diameter. With 6-ft. shielded cable. Japan.
12 C 7269. Shpg. wt., 1 lb.......9.95

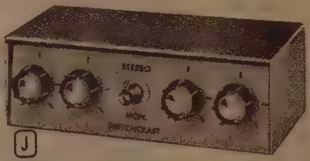
E **Aiwa Universal Replacement Micr**
phone. Remote on/off switch ar
double plug allows you to start ar
stop tape recorder from mike positio
10,000 ohms. 60-12,000 Hz. Stan
Shpg. wt., 1 lb. Japan.
15 C 7565 S..................9.9

F **AMD Model 38-502 Dynamic Micr**
phone. Use in hand or with lavalie
50,000 ohms. 60-10,000 Hz. −52 d
output. 2⅞x1⅛″. With 6-ft. cabl
lavalier cord and bracket.
12 C 7138. Japan. Wt., 1 lb....5.9

G **AMD Model 38-011 General-Pu**
pose Microphone. Use in hand, wi
lavalier, on stand. 60-10,000 Hz. −
dB output. 5x1″. 6-ft. cable, lavali
hanger, stand adapter.
12 C 7139. Japan. Wt., 1 lb.....3.9

Mike Mixers, Connectors

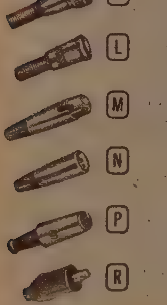




H **Switchcraft 306 Stereo Mixer.** Four monaural channels to two stereo. Four input jacks. Hi-Z. Two phono jack outputs. With "Tiny-Jax" adapter plug. 2x3x6″. 1½ lbs.
12 C 7171.......................................14.70
12 C 7172. **Switchcraft 306TR.** Above, with battery-powered solid-state stereo amplifier. With battery. 1½ lbs....23.52

Switchcraft 301 Mono Mixer. Four inputs to single output. 2-conductor phone plug inputs, phono jack output. Hi-Z. Size, 2x3x6″. Shpg. wt., 1½ lbs.
12 C 7169.......................................12.94
12 C 7170. **Switchcraft 301TR.** Above with battery-powered solid-state amplifier. With battery. Wt., 1½ lbs.....19.11

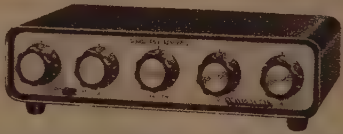
J **Switchcraft 503 Mike Preamp.** Matches mikes to transistorized recorders, amplifiers. Switchable 40K/2K ohms impedance input, 2K output with 6-25 dB gain. Battery, 12″ cable, adapter for ¼″ tini-jack/plugs. 2x2x1″.
12 C 7052. Wt., 4 oz.................................9.69



Switchcraft Mike Connectors. One-contact 2501's fit Allied PA amplifiers. To splice 2 cords, use one type 2501F and one type 2501M. Types A3F, A4F, A3M, A4M are quick-ground 3 and 4-contact insulated types. Type 05BL3M, miniature 3-pin plug, contact friction coupling. Types 12BL5M and 05BL5M are same, 5 pins. Type 01QK2M is 2 pin. Shpg. wt., 4 oz.

Stock No.	Type	Fig.	Description	EACH
12 C 7405	2501F	K	Plug or Jack	.47
12 C 7406	2501M	L	Plug	.29
12 C 7417	A3F	M	Fem. Conn.	1.35
12 C 7418	A4F	M	Fem. Conn.	1.68
12 C 7419	A3M	N	Male Conn.	1.18
12 C 7420	A4M	N	Male Conn.	1.23
12 C 7390	05BL3M	P	Plug	.97
12 C 7391	12BL5M	P	Plug	1.09
12 C 7008	05BL5M	P	Plug	.99
12 C 7009	01QK2M	R	Plug	.24

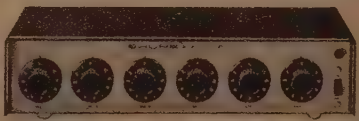
Mixer, Level-Control Amplifiers



$87 00
$5 monthly

4-Channel Solid-State Stereo Mixer-Amplifie

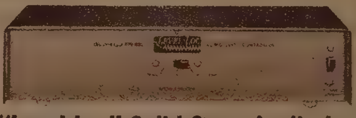
Switchcraft 307TR. Inputs: 4 low-level mike, 60 dB gain;
phono, 40 dB; 4 aux., 20 dB. Up to 2-V rms output. 2
20,000 Hz. 3½x12x7¼″. Requires 2 "D" batteries.
12 C 7437. Shpg. wt., 4½ lbs. *$5 Monthly*..........87.0
12 C 7438. 308TR. Above, but for 115 VAC.. 5 lbs....96.0



$75 00
$5 monthly

5-Channel Solid-State Monaural Mixer

Shure M68. Has 4 inputs for dynamic or ribbon mike
Switch-selected low or high-impedance. Switched low
high-impedance mike in/output; high-impedance, high-lev
auxiliary input/output. 28-VDC jack. Response, 30-20,00
Hz. 2½x11⅜x5¼″. For 105-130 V, 50-60 Hz AC.
12 C 7142. Shpg. wt., 4 lbs. *$5 Monthly*..............75.0

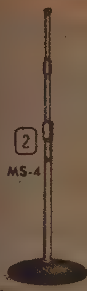


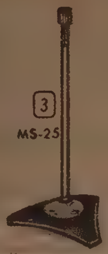
$54 00
$5 monthly

"Level Loc" Solid-State Audio Level Controlle

Shure M62. Keeps the audio output constant for wide vari
tions of audio input. Dual-impedance input and outpu
500/100,000 ohms and 10/500 ohms respectively. Respons
20-20,000 Hz. Cannon receptacles. Operates up to 25
hours on 9-volt battery (included). Size, 2½x11⅜x5¼
12 C 7143. Shpg. wt., 3 lbs. *$5 Monthly*..............54.0

ike Stands and Accessories by Atlas Sound





MS-11S Automatic Floor Stand. Press control, tube lowers. Adjusts 39- All chromed. 10″ base. ⅝″-27 ad. Shpg. wt., 13 lbs.
7271 L2X.................18.00

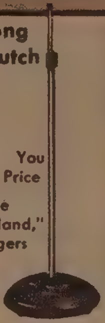
MS-4 Telescoping Floor Stand. Adjusts 25-65″. 3 sections. Chromed. gray wrinkle base. ⅝″-27 thread.
7270 L2X. Wt., 12 lbs..........11.85

MS-25 Professional Floor Stand. "Air Lock Cushion" controls drop of e. Adjusts 38-67″. 17″ chromed and base. Chromed tube. ⅝″-27 ad. Shpg. wt., 22 lbs.
7330 L2U......................20.65

Stand Has Long "Full Grip" Clutch

$7.70

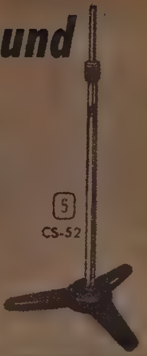
- Full of Features You Want, Low in Price
- Long Clutch Can Be Gripped by "Hand," Not Just by Fingers
- Velvet-Quiet Slide Action



MS-10C. Inner-lined with bakelite to prevent jamming, sudden dropping. 2-section chromed tube adjusts 35-63″. 10″ gray base; self-leveling shock-absorbing pads. ⅝″-27 thread. Shpg. wt., 10 lbs.
12 C 7325 L2X.................7.70

MS-11C. Above, all chromed.
12 C 7326 L2X. 13 lbs..........10.20

MS-14G. Above, in gold color.
12 C 7082 L2X. 12 lbs..........13.00

Take-Apart CS-33
4


4 CS-33 Take-Apart Floor Stand. Collapsible to 22½″. Adjusts 26-64″. Chromed. 20″ base dia.; rubber feet. ⅝″-27 thread. Shpg. wt., 4 lbs.
12 C 7327 X......................11.00

5 CS-52 Floor Stand. Portable unit adjusts 34-62″. Chromed tube. 2-piece gray shrivel 15″-dia. base. ⅝″-27 thread. Shpg. wt., 9 lbs.
12 C 7450 X......................8.85

BB-1 "Baby Boom" Stand Attachment. (Not illus.) Converts any floor stand with ⅝″-27 thread to boom type. Adjustable counter balance. 31″ long.
12 C 7328 X. Wt., 3½ lbs..........6.20

Desk Microphone Stands and Multipurpose Support

DS-7 Adjustable Desk Stand. Adjusts 8-13″. With "Velvet Action" ch adjustment. 4″ high, chromed e. Gray 6″ dia. base. ⅝″-27 thread. g. wt. 3 lbs.
7186..........................4.15

DS-10 "Stream Liner" Desk Stand. Features rear cable exit. Mike e is concealed and directed out at of base to improve appearance stability. Gray enamel, chrome . ⅝″-27 thread. Shpg. wt., 1½ lbs.
7205..........................4.35

DS-6G Desk Stand. Gold-color finish. ″ dia. cast-iron base with rubber s. Tube ht., 4″.
7081. Shpg. wt., 2½ lbs..........4.00

9 DS-14 Contemporary Stand. 3″ chromed tube. Gray shrivel base. ⅝″-27 thread. 2 lbs.
12 C 7109......................3.15

10 US-2 Multipurpose Support. Vertical swivel, 180°; horiz., 360°. 12¾″ arm. 2⅝″ base. Chromed. ⅝″-27 thread. 2 lbs.
12 C 7273......................6.65

11 DS-5 Desk Stand. 4″ chromed tube. Gray shrivel 6″ base. Rubber pads. ⅝″-27 thread. 2 lbs.
12 C 7208......................2.50

12 DS-4 Desk Support. Detachable 4″ chromed tube. Light beige 5″ base. ⅝″-27 thread. ½ lb.
12 C 7272......................1.65

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Microphone and Stand Accessories

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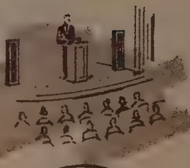
ock No.	Fig.	Description	Wt.	EACH
7110	13	Lock-on Mike Attachment	4 oz.	2.65
1996	14	"Y" Mike Connector	2 oz.	.99
7189	15	Flexible 13″ Gooseneck	1 lb.	2.00
7206 X	15	As above, 19″ long	1½ lbs.	2.85
7187	16	Snap-on Mike Attachment	1 lb.	2.15
1946	17	Mike Volume Control; Hi-imp.	6 oz.	4.17
7207	18	Cable-Hanger; for ⅞-1¼″ stems.	½ lb.	2.00
7190	19	Bracket Clamp; 6″ stem	1 lb.	2.85
7106	20	3″ Extension Rod; ⅝″-27 ends	3 oz.	.67
7105	20	As above, 6″ long	4 oz.	.67
1950	21	Push-to-Talk Switch with lock	6 oz.	1.98
7204	....	Gyromatic Mike Lock Swivel	1½ lbs.	3.45

MIKE STAND ADAPTERS. For use with most desk and floor-type microphone stands. All adapters are heavy-duty chrome-plated units. Shpg. wt.: Models AD1, AD2, AD3, AD4 and AD5. 2 oz.; AD11 and AD12, 6 oz.

Stock No.	Type	Fig.	Description	EACH
12 C 7108	AD1	23	For adapting RCA mikes. ½″ male to ⅝″-27 female	.70
12 C 7198	AD2	24	⅛″ pipe female to ⅝″-27 male.	.50
12 C 7199	AD3	22	⅛″ pipe female to ⅝″-27 female.	.53
12 C 7201	AD4	.....	¾″ long, ⅝″-27 male coupling.	.40
12 C 7202	AD5	22	⅝″-27 to ⅝″-27 female coupling.	.53
12 C 7103	AD12	25	Mike base flange. Male. ⅝″-27.	.73
12 C 7104	AD11	26	Mike base flange. Female. ⅝″-27.	.73

nds on this Page Fit All Microphones with Standard ⅝″-27 Threads

Sound-Columns and Lecterns



Deluxe Sound-Column Speaker Systems

The Sound Column or Line Radiator speaker system offers *uniform loudn* over a wide horizontal pattern. Consists of several speakers arranged o above the other in a special enclosure. People in back can hear just as w as those in front. Feedback and reverberation are greatly reduced. All easy to install, *and* they provide better PA coverage at lower cost.

NEW

$34.95

$5 monthly

ALLIED 3300 Sound-Column

- Offers Overall Sound Projection Up to 150 Feet • Rated 25 Watts
- Walnut Wood-Grain Vinyl-Covered Cabinet • 140° Horizontal Angle
- Four 8″ Speakers With Response of 60-11,000 Hz • 45° Vert. Angle

Allied's own sound column offers outstanding wide-angle dispersion and excellent sound projection at minimum cost. Great for auditoriums, lecture rooms—any PA use. Four 8″ speakers offer fine sound reproduction and wide frequency response of 60-11,000 Hz. Overall sound projection, 150 feet (60′ recommended). Wide 140° horizontal dispersion, 45° vertical dispersion. 25-watt cap. Impedance, 8 ohms. Spec mounting hardware is included for fast, accur installation—easy as hanging a picture on t wall. Handsome walnut wood-grain vinyl-c cabinet adds a fine-quality touch to any dec Cabinet is only 6″ deep for easy, inconspicu mounting anywhere. 41x11x6″.
12 C 8001 U. Wt., 37 lbs. *$5 Monthly*....34.

A UNIVERSITY SOUND CS-2, CSO-4

B ARGOS SD-1060 MSD-1060

C UTAH SND-3 SND-2 SND-1

D ELECTRO-VOICE LR4SA

Quality Sound-Columns for Every Us

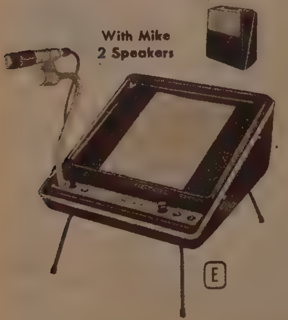
A **University Sound CS-2.** Six 5″ speakers. 30-watt capacity. Disp sion: horizontal 165°; vertical, 25°. 175-12,000 Hz. 8 oh 31x5½x5″. Neutral finish. Shpg. wt., 14 lbs.
12 C 7421 U. *$5 Monthly*..............................59
12 C 7944 U. CSO-4. Four 8″ speakers. 75 watts. 70-17,000 Weatherproof housing. 41x12x8″. Wt., 40 lbs. *$8 Monthly*...149

B **Argos SD-1060.** Six 5″ speakers. 30 watts. 200-10,000 Hz. Disp sion: horizontal, 120°; vertical, 30°. 16 ohms, Walnut vin covered cabinet. 30¼x7x3⅛″. Shpg. wt., 10 lbs.
12 C 7877 X. *$5 Monthly*..............................43
12 C 7093 U. MSD-1060. Six 8″ speakers. 60 watts. 70-15,000 30° vertical dispersion. 50½x10¾x8¼″. Wt., 40 lbs..........83

C **Utah SND Series.** Six-speaker columns offering 120° horizon dispersion, 30° vertical. Rigid construction, phase-coded ter nal boards. Removable transformer mounting board for consta voltage systems. Walnut-grain plastic-impregnated fabric finish.
12 C 7529 U. SND-3. 8″ speakers. 8 ohms. 72-watt capacity. 50-15, Hz. 51x11x7¾″. Shpg. wt., 42 lbs. *$5 Monthly*..........79
12 C 7528 U. SND-2. 6″ speakers. 16 ohms. 55-watt capacity. 1 12,500 Hz. 43⅛x8⅛x6″. Shpg. wt., 33 lbs. *$5 Monthly*.......59
12 C 7527 X. SND-1. 5″ speakers. 16 ohms. 30-watt capacity 2 10,000 Hz. 34¼x7⅛x3″. Shpg. wt., 15 lbs. *$5 Monthly*.......39

D **Electro-Voice LR4SA Straight Line Radiator.** Restricts high-freque dispersion to simplify feedback control. Dispersion: horizont 160°; vertical 30°. 200-10,000 Hz. 40 watts. 8 ohms. Aluminum t colored enclosure. $48\frac{3}{4}$x$6\frac{5}{16}$x$4\frac{11}{32}$″. 31 lbs.
12 C 7033 U. *$5 Monthly*..............................99

Ampli-Vox Portable Lecterns



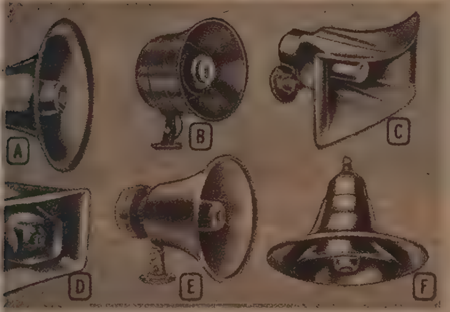
E

E **Model S-120.** Solid-state system boasts 40 watts peak power; handles audiences up to 1000. Has two 6x9″ speakers in reading table and removable cover (with 40′ cable). Scuff-proof luggage case, 8⅞x16¾x17¼″. Low-impedance dynamic cardioid mike, (50-15,000 Hz), 10′ cord. Aux. input/output. Uses 10 "D" cells, order below.
12 C 7067 U. Shpg. wt., 24 lbs. *$10 Monthly*........198.95
12 C 7068 U. S-110. Above, omnidirectional mike....169.95
18 C 5779. Batteries. Use 10. Wt., 10 oz....**Pkg. of 2 for 33¢**

F **Model S-500.** Portable sound-column lectern for audiences up to 3000. Solid-state amplifier, 40 watts peak power. 50-15,000 Hz. Walnut formica cabinet, 15x21″; inclined reading table adjusts from 36-46″ high. Auxiliary input and output. With low-impedance dynamic cardioid mike. Use 10 "D" cells, order above.
12 C 7512 Z. Shpg. wt., 66 lbs. *$18 Monthly*.........389.50

F

Indoor, Outdoor PA Projectors and Speakers



UNIVERSITY SOUND

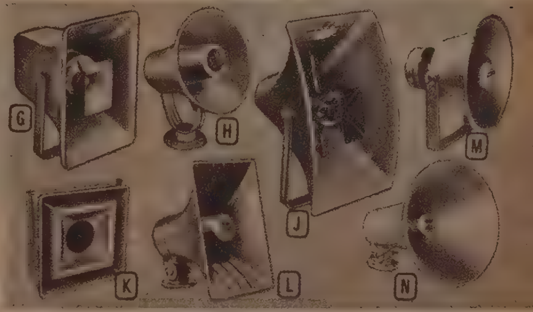
eatherproof PA and Intercom Speakers

'talk-back" microphones, PA speakers. Weather-
ed with phenolic diaphragms for outdoor use in any
er. Ideal for two-way intercom systems. **Type IB-A8.**
um-power speaker. **Type-MIL-A8.** For medium and low-
systems. **Type-DLC-8.** Compact horn for low-power
ns. **Types CIB-A8 and CMIL-A8.** For wide-area coverage
-power systems. **Type MLC.** 2-speaker system for out-
use. **Type ELC.** Same as MLC, less tweeter. **Type SH-30.**
igh-intelligibility paging in noisy areas. **Type IBR-A8.**
ide coverage with few speakers. All are 8 ohms, except
0, 16 ohms. With mounting hardware. *Watts.
el mounting, also fastens to ½" pipe. Av. wt., 5 lbs.

ock o.	Mfr's Type	Fig.	* W	Resp. Hz	Disper-sion	L x Dia. Inches	EACH
504 X	IB-A8	A	30	250-13K	105°	†9x10¼	22.95
569	MIL-A8	A	10	350-13K	120°	†6⅞x 6⅞	18.75
398	DLC-8	B	7½	400-10K	120°	5⅞ x4	10.77
515 X	CIB-A8	C	30	250-13K	120°x60°	†7⅜x14	27.60
572	CMIL-A8	C	10	250-13K	120°x60°	†6¼x 9½	21.26
3416 X	MLC	D	15	150-15K	120°	10⅝x12¾	39.95
941 X	ELC	D	15	150-11.5K	120°	10⅝x12¾	32.95
422 X	SH-30	E	30	350-7.5K	100°	10¼x 8¾	34.70
516 X	IBR-A8	F	30	300-10K	360°	10¼x13	31.20

iversity UH Series

. "Variable dispersion"
aker. 360° adjustable
d diminishes sound in
anted areas, increases it
thers. 220 Hz to 16 kHz.
watts. 8 ohms. Gray.
" dia. x 10⅞" (10¾"
x $14\frac{15}{16}$" with hood).
C 7940 X. Wt., 5 lbs. 25.50
C 7938 X. UH-45. As above,
45 ohms. 26.97
C 7939 X. UHT. 70.7/25V
nsformer unit with
. . . . 33.90



ELECTRO-VOICE

Weatherproof Projectors and Speakers

Fiber-polyester horns, virtually indestructible, absolutely waterproof. **Types 847CDP and 848ACDP.** Compound Diffraction design for higher articulation without peaking response. **Type PA-7.** For paging use where durability is a prime factor. **Type PA-30A.** Rectangular paging horn with ultra-smooth response for both voice and music. **Type PA30AT-7.** PA-30A with 70.7 V line transformer. **Type PA-30R.** PA-30A, with round horn. **PA30RT-7.** PA-30R with 70.7 V line transformer. **Type PA-30R-45.** PA-30R with 45-ohm voice coil. **Type 844A.** General-purpose paging speaker. All have 120° dispersion, except 844A, 90°. 8 ohms. 30 watts, except PA-7, 7½; 847CPD, 25. Battleship gray.

Musicaster. 8" Radax speaker. Dual-horn-loading. 60-13,000 Hz. 8 ohms. 30 watts. Tan aluminum housing, 21½x21½x 8½". Weatherproof. With U-bracket for mounting.

Stock No.	Mfr's Type	Fig.	Resp. Hz	Size In.	Wt. Lbs.	EACH
12 C 7542 X	847CDP	G	250-10K	11¾x7¾x$10\frac{7}{32}$	10	35.40
12 C 7819 X	PA7	H	400-13K	6¾x6	3¼	18.75
12 C 7540 U	848ACDP	J	150-10K	20½x10½x20	16¾	53.40
12 C 8432 X	Musicaster	K	60-13K	21½x21½x8½	36	72.00
12 C 7616 X	PA30A	L	250-14K	11x6½x8½	4½	21.90
12 C 7486 X	PA30AT-7	M	250-14K	11x6½x8½	7½	28.50
12 C 7487 X	PA30R	M	250-14K	9¾x10 dia.	6¾	23.70
12 C 7499 X	PA30RT-7	M	250-14K	9¾x10 dia.	7½	30.60
12 C 7488 X	PA30R-45	M	250-14K	9¾x10 dia.	7½	24.90
12 C 7475 X	844A	N	250-13K	7½x9⅞ dia.	13	22.95

TR7-2 Line Transformer. 7½ watts, 25 volts. Primary impedance taps: 83, 156, 312, 624, 1248 ohms. Secondary, 8 ohms. Power taps at 7.5, 4, 2, 1.5 watts. Use with PA7 paging speaker above. Shpg. wt., 1½ lbs.
12 C 7489. . . . . 6.60

TR7-7 Line Transformer. As above, but for 70.7-volt line applications. Primary impedance taps: 660, 1250, 2500, 5000, 10,000 ohms. Secondary, 8-ohms. Power taps at 7.5 4, 2, 1.5 watts. Shpg. wt., 1½ lbs.
12 C 7468. . . . . 6.60

Lightweight Battery-Powered Megaphones

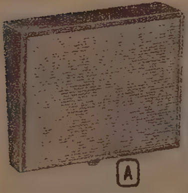
ederal A-12 Voice Gun. Transistor-
ed. 500-yard range. Press-to-talk
h, carrying strap. Horn diameter,
. Operates on 8 "D" cells, order
v. Shpg. wt., 5¼ lbs.
7319 X. *$5 Monthly*. 90.00
5779. **"D" Cells. 10 oz. . . . Pkg. 2/33¢**

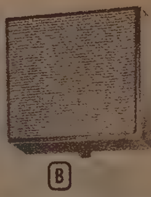
anon MV-8S. Transistorized. Pistol
rip, mike volume control. 600-yard
e. 8 watts (10 peak). Built-in siren
l, 9" bell. Carrying strap. Use 6
batts. below. 5 lbs.
7359 X. *$5 Monthly*. 59.95
5865. **"C" Batts. 10 oz. . . . Pkg. 2/33¢**

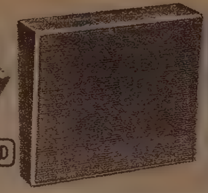
S **Fanon MV-4.** Five transistors. 4-watt power (6 peak). Pistol grip, volume control. 300-yard range. Bell size, 7¼". Uses 4 "D" cells, order below. Shpg. wt., 4 lbs.
12 C 7329 X. *$5 Monthly*. 44.95
18 C 5779. **"D" Cells. 10 oz. . Pkg. 2/33¢**

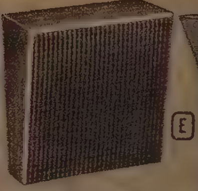
T **Fanon MV-3.** Weatherproof baked-enamel finish. 200-yard range. Pistol grip. High-low volume switch. 8¾" bell. 13¼" long. Strap. Uses 4 "D" cells, below. Wt., 4 lbs.
12 C 7324 X. *$5 Monthly*. 29.95
18 C 5779. **"D" Cells. 10 oz. . Pkg. 2/33¢**

Argos Decorator-Styled Baffles with Speakers









A Baffles with 8″ or 12″ Speakers Installed

Ideal for PA paging or background music. Walnut woodgrain vinyl covering, matching cane grilles, screw terminals. "L" in Model No., L-pad; "V", volume control; "T", 70.7-V transformer. 8 ohms, except 70.7-V types.
Series 108. 8″ speaker, 1-oz. magnet, 6-watt capacity.
Series 408. 8″ speaker, 4.8-oz. magnet, 10-watt capacity.
Series 212. 12″ speaker, 10-oz. magnet, 20-watt capacity.

Stock No.	Model	Baffle Size	Wt., Lbs.	EACH 1-6	EACH 6-Up
12 C 7883 X	108CS	9½x12x4¼″	4	7.87	7.48
12 C 7342 X	108CSV	9½x12x4¼″	5	9.90	9.41
12 C 7344 X	408CS	9½x12x4¼″	5	9.85	9.36
12 C 7350 X	408CSL	9½x12x4¼″	6	12.08	11.48
12 C 7351 X	408CSLT	9½x12x4¼″	6	14.60	13.87
12 C 7888 X	212CSL	13¾x16x16¼″	10	17.77	16.88

B Prestige Baffles with 8″ Speakers Installed

Series 508. Handsome baffles with heavy-duty 8″ speakers. 6-oz. magnet, 15-watt capacity. 8 ohms. "L", L-pad; "T", 70.7-V transformer. Walnut wood-veneer finish.

12 C 7352 X	508CS	9¾x11x5⅜″	6	11.83	11.24
12 C 7353 X	508CSL	9¾x11x5⅜″	7	14.06	13.36
12 C 7354 X	508CSLT	9¾x11x5⅜″	7	16.67	15.84

C Troubador Art Frame 8″ Extension Speaker

TSW-8S. 30° slope gives smart appearance. 8″ dual-cone speaker, 6-oz. magnet. 8 ohms. 15 W. 13¼x13¼x3″ Walnut. 12C 7331 X. Shpg. wt., 5¼ lbs. 13.81

D "Professional" Wall-Mounting Baffle

Model PWB-8C. For 8″ speaker. Rectangular shape a trim sculptured look. Ideal where extra air volume needed. Gives almost twice the air volume for better to "Speedy Mounting" clips for easy hanging. Wood-grain vinyl cover, plastic cane grille. Walnut finish. Less speak Size, 16½x14x6¼″. Shpg. wt., 6 lbs.
12 C 7882 X. 6-Up. . . .Each 6.35 1-5. . . . . .Each 6.

E Wall-Mounting Birch Baffles

Durable cane grille gives good appearance. Walnut fini enhances any setting. Include hardware, mounting cli Less speaker.

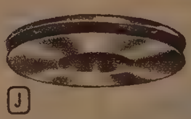
Stock No.	Model	Size	For	Lbs.	EACH 1-5	EACH 6-U
12 C 7523 X	DWB-8A	10½x9¾x6½″	8″	3¼	5.94	5.6
12 C 7524 X	DWB-12A	14x13⅝x9⅛″	12″	5	8.32	7.9

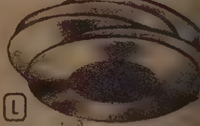
F Slant-Front Corner-Mount Baffles

Corner mounting. "Clip-In" front goes on or off in secon "Speedy Mounting" clips; screw terminals. Bass ref design, acoustic padded. Cane grille; wood-grained vinyl attractive walnut finish. Less speaker.

Stock No.	Model	Size	For	Lbs.	EACH 1-5	EACH 6-U
12 C 7510 X	SCB-8D	15x17¾x9″	8″	5¼	9.36	8.8
12 C 7511 X	SCB-12D	20x20¾x10½″	12″	8	12.82	12.

Soundolier Ceiling Baffles and Enclosures for 8-in. Speakers





G **67-8 Baffle.** Flush-mounting louvered ceiling baffle. Welded construction prevents vibration or rattle. Aluminum finish. Fits 10¼″ hole. 12″ dia. Use 95-8 enclosure. Wt., 2 lbs.
12 C 7546 X. 5-Up Ea. 3.98 1-4 Ea. 4.53

H **61-8 Trim Ring Baffle.** Highly polished, simulated stainless, flush-mounting trim ring. Vibration- and rattle-free 20-gauge steel construction. Fits 8½″ hole. 12¾″ dia. Use 95-8 enclosure. Wt., 1¾ lbs.
12 C 7548 X. 5-Up Ea. 2.59 1-4 Ea. 2.95

J **68-8 Low-Ceiling Baffle.** Satin-brushed aluminum; fits 8½″ hole; 12¾″ dia. Use 95-8 encl. 1¼ lbs.
12 C 7547 X. 5-Up Ea. 6.07 1-4 Ea. 6.93

K **169-8 Square Baffle.** (Illus. with 193-8 encl.) 24-ga. steel; white; fits 9⅝″ hole; 10½″ square. 1 lb.
12 C 7554 X. 5-Up Ea. 2.08 1-4 Ea. 2.37

K **193-8 Enclosure.** (Illus. with 169-8 baffle.) Welded 20-gauge steel. 3¾x9⅝″ square. Wt., 1¾ lbs.
12 C 7555. 5-Up Ea. 3.47 1-4 Ea. 3.96

L **51-8 Trim Ring Baffles.** Flush mou White 24-gauge steel. Fit 8 diameter hole. 12¾″ diameter. U type 95-8 round enclosure. Packa of 5 baffles. Wt., 6¼ lbs.
12 C 7502 X. . . . . . . .Pkg. of 5 for 7.

95-8 Round Enclosure. (Not illus.) 2 gauge steel, for use with any rou baffle shown above. Jute lining cu resonance. Size, 4¼x9⅞″ diam. Shp wt., 3 lbs.
12 C 7550 X. . 5-Up Ea. 4.26 1-4 Ea. 4.

Soundolier Baffles with 8-inch Speakers

Fully assembled speaker-baffles consist of top quality 8-inch speaker and transformer, mounted in your choice of above baffles. Packaged units save you both money and time. Stripped leads and wire nuts make installation fast and easy.

Speakers have 3.16-oz. Alnico V magnet, handle 6 watts. Frequency response, 40-15,000 Hz. Impedance, 8 ohms. Maximum diameter, 8⅛″; depth, 3½″. Mounted 70.7-volt transformer has taps for 0.5, 1 and 2 watts. Color-coded leads.

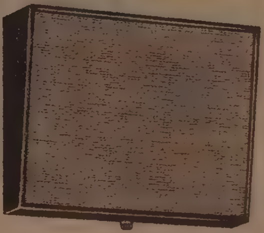
Each model includes speaker and transform described at left, mounted in baffle indicate (Baffles also available separately, above.)

Stock No.	Model	Baffle Type	Wt. Lbs.	EACH 1-4	EACH 5-Up
12 C 7501 X	B67-8	67-8	4	11.49	10.89
12 C 7500 X	B61-8	61-8	4	9.94	8.56
12 C 7503 X	B68-8	68-8	4	12.89	11.59
12 C 7514 X	B169-8	169-8	4	9.21	8.43
12 C 7522 X	B51-8	51-8	3½	9.18	8.05

AH Popular-Price Speakers & Baffles

tra-Thin Baffles ith 8″ Speakers

4″ deep, yet provide range and volume you for background music ging systems, plus ex- styling and clean ap- nce that blends well nost decors.



t, modern styling in a sloping baffle that's only 4″ deep. Features 8″ w speaker with internal dust seal, bonded magnet structures and m-ferrite magnet for more sound per watt. 8 ohms. 9x12x4″. With vare. "T" suffix in Mfr's Type indicates with 70.7-volt transformer, d at 5, 2.5, 1.25, 0.62, 0.31 watts. Transformerless types, 15 watts "V" suffix indicates with volume control..

Stock No.	Mfr's Type	Enclosure Finish	Wt., Lbs.	EACH
C 7869 X	TP8A-VT	Walnut-Finished Wood	4	15.54
C 7871 X	TP8D-T	Walnut-Finished Wood	4	14.10
C 7842 X	TP8B-V	Walnut-Finished Wood	3½	11.95
C 7870 X	TP8C	Walnut-Finished Wood	3¼	10.98
C 7581 X	TS8A-VT	Walnut-Textured Vinyl	3½	14.25
C 7013 X	TS8D-T	Walnut-Textured Vinyl	3½	11.97
C 7012 X	TS8B-V	Walnut-Textured Vinyl	3	10.95
C 7562 X	TS8C	Walnut-Textured Vinyl	3	9.57

pace-Saving Thin Speakers

c address speakers with internal dust Number in Mfr's Type indicates ker diameter. PA8J speaker has Alnico gnet, others have ceramic magnet. 8- . Screw terminals. Suffix "W" below ates dual cones for wider response.

ock No.	Mfr's Type	Watts	Mag. Oz.	Depth In.	Wt., Lbs.	EACH 1-2	EACH 3-5	EACH 6-Up
7907	PA8ECS	8	3.0	1⅞	1½	5.37	5.10	4.83
7908	PA8FC	10	5.5	2¾	1¾	4.98	4.73	4.48
7909	PA8FC-W	10	5.5	2¾	1¾	5.28	5.02	4.75
7872	PA8HC	12	6.0	2⅞	2½	6.30	5.99	5.67
7873	PA8HC-W	12	6.0	2⅞	2½	6.75	6.41	6.08
7916	PA8J	15	6.8	4 1/16	3	6.90	6.56	6.21
7874	PA8JC	15	10.0	3	3	6.90	6.56	6.21
7913	PA8JC-W	15	10.0	3	2¾	7.35	6.98	6.61
7914 X	PA12JC	18	10.0	4 7/16	4½	8.97	8.52	8.07

45-Ohm Intercom Speakers

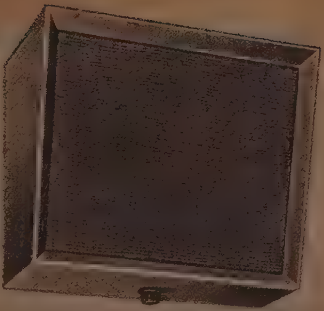
ormance-proven intercom speakers pro- more output per unit input. Deliver g signal to amplifier when serving as rophones" in a talk-back system. 45- voice coils. *Pincushion.

tock No.	Mfr's Type	Size	Mag. Oz.	Watts	Depth In.	Wt., Lbs.	EACH
7875 X	SP35A1	3½″ Sq.	0.68	4	1 7/16	¾	2.55
7876 X	SP4A1	4″ Sq.	0.68	4	1 9/16	⅜	2.49
7011 X	SP8FCI	8″ P.C.*	5.5	10	2¾	1¾	5.31

ow-Cost Line-to-Voice-Coil Transformers

nit driving speakers at various power levels from same or 25-volt line. Select desired power tap on transformer—does not affect other speakers in same system. edance and wattage figures are printed on coil—no need efer to a chart. Use with 4 to 16 ohm speakers as cated. All have solder terminals. 2″ mounting centers pt *2¾″ mounting centers. Shpg. wt., 1 lb.

tock No.	Watt Taps	Line Volts	Imp. Ohms	EACH 1-11	EACH 12-Up
C 7088	5, 2.5, 1.25, .62, .31	70.7	8, 4	1.59	1.47
C 7821	10, 5, 2.5, 1.25, .62	70.7	16, 8, 4	1.69	1.57
C 7822	5, 2.5, 1.25, .62, .31	25	16, 8, 4	1.59	1.47
C 7823	10, 5, 2.5, 1.25, .62*	25	16, 8, 4	2.24	2.05



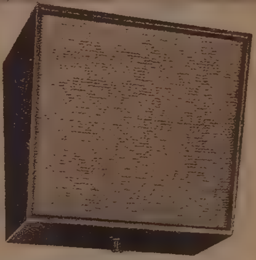
Tapered Baffle/8″ Speaker

Low As 13^{95} With Volume Control

Wall-mounting speaker that goes well with any modern decor. Perfect for music or paging in the home or office. 8″ speaker features smooth bass response, L-pad volume control, 8-ohm impedance, 10-watt power capacity. Walnut finish. 9½x12x6″. 5½ lbs.
12 C 7552 X. 13.95
12 C 7553 X. Above, with 70.7-volt transformer tapped 10, 5, 2.5, 1.25 and .62 watts. Wt., 6¼ lbs. 15.95

Stylish Tapered Baffle with 8″ Speaker

12^{95} With Volume Control



Contemporary-styled baffle with powerful 8″ speaker for paging or background music. Speaker has 3-oz. ceramic magnet, 70.7-volt constant voltage transformer. Taps at 5, 2½, 1.25, .62, .31 watts. L-pad volume control lets you adjust volume without affecting other speakers on same line. Walnut-stained birch veneer cabinet, 9x11x5⅝″. Screw terminals. Shpg. wt., 5 lbs.
12 C 7878 X. 12.95

A

B

A Sloping Baffle with 9-Watt 8″ Speaker

Sloping baffle with 8-inch speaker designed for best dispersion angle. 9-watt, 8-ohm speaker has 1.47-oz. Alnico V magnet. Screw terminals for fast wiring. Size, 9x11x6″. Covered with durable wood-grained fabric. Attractive walnut finish. Shpg. wt., 4 lbs.
12 C 7091 X. 6.95

B Low-Cost Baffle for 8″ Speaker

Takes 8-inch speaker. Perfect for use in economy PA and music system installations in stores, homes and offices. Birch veneer with handsome walnut finish. Size, 9x11x5⅝″. Less speaker. Hardware included. Shpg. wt., 3 lbs.
12 C 7092 X. 4.95

New! Tunable Reverb Outfits by ALLIED

ALLIED
REVERB
OFF

Trunk Mount Auto Reverb
$24.95
$5 monthly

Dash Mount Auto Reverb
$21.95
$5 monthly

Control Panel Mounts Under Dashboard

REVERB
ALLIED
BALANCE

With TUNABLE Reverberation Control

Trunk Mount Tunable Reverb

Variable control on dash panel lets you adjust reverberation for thrilling "live" sound. Double-spring system gives all the sound you want. Control unit, with pilot light, has two recessed safety knobs on die-cast panel. Solid-state, works in coldest weather. With 6" speaker (for hardtops and convertibles), 6x9" adapter-board (for rear-deck), 6x9" chromed grille. Reverb mounts in trunk. For 12 volts, neg. gnd. 5½ lbs.
19 C 4541. *$5 Monthly*.........24.95

19 C 4542. As above, less speaker. Shpg. wt., 4½ lbs..............23.95

Dash Mount Tunable Rev

Enjoy exciting "concert-hall" re
beration in your car. Mounts u
dash, connects to your car radio. D
ble spring reverb with tunable con
gives powerful sound. Handson
styled in chrome and non-reflec
pebble grain. With safety knobs, p
light. 1½x7x5½". Includes 6" ro
speaker (for convertibles and h
tops), 6x9" adapter-board (for
deck), chrome speaker grille. Fo
volts, neg. ground. Wt., 6 lbs.
19 C 4543. *$5 Monthly*.........21

19 C 4544. As above, less spea
Shpg. wt., 5 lbs.................2

New! Solid-State STEREO FM Car Radios at Popular Prices

TONE
BALANCE
MONO STEREO

$89.95
$5 monthly

- Balance Control for Amazing Stereo Realism
- Adjustable Brackets for Custom Dashboard Fit
- Solid-State Circuit
- Stereo Indicator

Ranger Stereo FM Car Radio

Compact solid-state stereo FM radio brings
crisp, clear FM music with full channel separat
for outstanding stereo, as you drive. Balance con
lets you adjust channel separation for maxim
stereo effect. Powerful audio output gives o
standing sound reproduction, fully adjusta
with dual-channel tone and volume contr
Indicator lamp shows when stereo programs
being broadcast. Illuminated slide-rule dial
easy-to-read scale for fast, accurate tuning,
or night. Easy to install with two screws; adju
able brackets give custom fit to dashboard c
tour. Uses conventional AM auto antenna. S
1⅞x9x4½". For 12 volts negative ground. Sh
wt., 6 lbs. From Japan.
19 C 4540 U. *$5 Monthly*.................89.

$99.95
$5 monthly

- 17-Transistor, 10-Diode Solid-State Circuit
- Wide-Range Response
- Stereo Indicator
- Peak Power Output of 15 Watts Per Channel

Inland Deluxe Stereo FM Car Radio

Double your driving pleasure with the exciting r
ism of true stereo FM. Solid-state radio mounts
der the dash, pulls in thrilling stereo FM program
plus monaural FM broadcasts. Powerful circ
gives 30 watts peak output (15 watts per chan
with 20 dB or better channel separation for b
liant stereo sound. Four double-tuned IF sta
for high selectivity, AFC for drift-free tun
Electronic, noiseless stereo-mono switching. B
ance control, mono-stereo switch, tone and volu
controls. Powerful solid-state circuit boasts
transistors, 10 diodes. For 12 volts DC, negative
positive ground. Fine value in a truly deluxe rad
From Japan. Shpg. wt., 7 lbs.
19 C 4539 U. *$5 Monthly*.................99.

‑AM Car Radios and FM Car Tuners . . Big Values

‑AM Pushbutton Car Radio

‑e performing 11-transistor radio gives ‑ide-range reception of static free FM, AM. Sensitive circuit pulls in strong signals. Push-pull output provides ‑ of volume without distortion Easily ‑ts under dash in all cars, trucks, or , and in dash in many autos. Has volume tone controls; Automatic Frequency ‑ol; large 5x7" speaker. $5\frac{1}{8}$" knob cen- $3\frac{9}{16}$x$1\frac{1}{2}$" dial window. For 12 volts, ve or negative ground. 2x7x7". From ‑. Shpg. wt., 10 lbs.
‑254 X. *$5 Monthly*. 69.95

Automatic Radio FM-AM Pushbutton $69⁹⁵ $5 monthly

‑Fidelity FM Car Radio Tuner

the enjoyment of static free FM music ‑r present car AM radio. Solid-state cir- boasts 9 transistors, 4 diodes, and ‑istor. AFC circuit keeps stations locked SS" switch eliminates overload and ‑tion in strong signal areas. Easily into your present car radio, uses ‑ng antenna. For 12 VDC, negative ‑d. Size, $2\frac{1}{2}$x7x$6\frac{1}{3}$" With all cables and ‑ctions. Shpg. wt 4 lbs.
‑193 X. *$5 Monthly*. 44.95

New FM Tuner from Automatic Radio $44⁹⁵ $5 monthly

Slimline Solid-State Car Radios by RANGER

FM-AM Radio
‑59⁹⁵
‑5 monthly

FM Tuner
$39⁹⁵
$5 monthly

Slim-Line FM-AM Under-Dash Radio

trim under-dash radio for complete car entertainment. ‑s high-fidelity FM broadcasts, plus your favorite AM ‑ams. Solid-state circuit—reliable, compact. Slide- dial, tone and volume controls. FM-AM selector ‑h. Sensitive, powerful circuit includes 11 transistors, 8 ‑s, thermistor. Interchangeable walnut and black inserts add to custom-installed look. Has 5x7" speak- ‑⅛x9x$4\frac{1}{2}$". For 12 volts, negative or positive ground. ‑ Japan. Shpg. wt., 6 lbs.
4256. *$5 Monthly*. 59.95

Ranger Slim-Line FM Car Radio Tuner

Adds the wonderful world of FM programing to your present AM car radio. Solid-state circuit—no drift, excellent wide-range response. Has 6 transistors and 8 diodes. Automatic Frequency Control locks in FM stations to prevent tuning drift. Unique mounting design permits built-in look, and interchangeable walnut and black vinyl inserts add to custom appearance. Glistening chromed knobs and trim. Size, $1\frac{7}{8}$x9x$4\frac{1}{2}$". For 12 volts negative ground. From Japan. Shpg. wt., 4 lbs.
19 C 4038. *$5 Monthly*. 39.95

‑stom FM-AM Volkswagen Radio by Automatic Radio

the pleasure of FM and AM radio recep- to your Volkswagen, at a price well ‑ that of dealer-installed VW radios. ‑om-designed pushbutton radio mounts ‑ctly in dash of 1958-1967 Volkswagen ‑ns. Five easy-set pushbuttons, three for and two for AM Instant-play 11 transis- ‑ircuit has seven tuned stages, plus RF ‑ for long-range reception. AFC. Tone ‑rol and 6" speaker provide excellent ‑d quality. Includes everything for fast, installation. For 6 or 12 volts. From ‑n. Shpg. wt., 9 lbs.
4456 X. *$5 Monthly*. 69.95

$69⁹⁵
$5 monthly

For 6 or 12 Volt VW's

- Mounts In Dash of 1958-1967 Volkswagen Sedans
- Easy Pushbutton Controls for FM and AM Tuning

Custom and Universal AM Car Radios

$29⁹⁵
$5 monthly

Our Lowest Priced Pushbutton AM Radio

Enjoy the ease of pushbutton tuning. Solid-state AM radio features five easy-to-set pushbuttons for fingertip control. Seven-transistor high-gain circuit offers good sensitivity and selectivity. Mounts under dash in any 12-volt vehicle. Will mount in-dash in some cars. 5x7-inch external speaker delivers big sound. 5⅛" knob centers. Large, easy-to-read 1½x3½" slide-rule dial for on-station tuning. Size, 2x5x6⅜". For 12 VDC negative or positive ground. From Japan. Shpg. wt., 9 lbs.
19 C 4235 X. *$5 Monthly*........................29.95

$19⁹⁵
$5 monthly

Our Lowest Priced Manual AM Car Radio

Value-packed six-transistor AM car radio never prio lower. High-gain 6-transistor circuit offers good sen tivity and selectivity. Plays the instant you turn it on no waiting for tubes to warm up. Mounts easily und dash in any 12-volt vehicle. Will mount in dash in son cars. Built-in 4-inch speaker has clear tone. 5⅛" kn centers. Large easy-to-read 1½x3½" slide-rule dial for pi point manual tuning. Size, 2x5x6⅜". For 12 VDC negati or positive ground. From Japan.
19 C 4234 X. Shpg. wt., 9 lbs. *$5 Monthly*..........19.9

Pushbutton AM Radios for Custom Mounting in Volkswagens

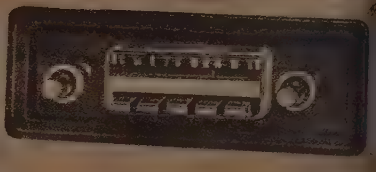
Pushbutton
$39⁹⁵
Manual
$29⁹⁵

AM Custom Radio for 1958-1967 Models

High-styled 7-transistor radio specially designed for custom installation in Volkswagen cars from 1958-1967. Fits perfectly in dash. Priced well below dealer-installed Volkswagen radios. Five easy-to-set pushbuttons. Tone control. Six-inch speaker. 6 or 12 volts. Japan.
19 C 4251 X. Shpg. wt., 7½ lbs. *$5 Monthly*.......39.95

New! AM Radio with Manual Tuning for 1958-1967 Model VW's. Above, but manual tuning only. Shpg. wt., 7½ lbs.
19 C 4594 X. *$5 Monthly*...............................29.95

Pushbutton Radio
$39⁹⁵



New AM Custom Radio for 1968 Models

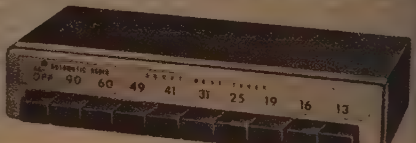
Install this fine-quality radio in your new 1968 Volkswage Priced well below dealer-installed Volkswagen radios, y performs like a high-priced set. 7-transistors for hi sensitivity, selectivity. Plays the instant you turn it on— waiting for tubes to warm up. 5 easy-to-set pushbutto makes it easy to tune your favorite station. Manual contr tunes in seldom-used stations. Continuously variable to control for rich lows, clear highs. Wide-range 6" speake For 12 VDC. Japan.
19 C 4595 X. Shpg. wt., 7½ lbs. *$5 Monthly*.......39.9

Deluxe Slim-Line AM Radio Fits Any Car

$29⁹⁵
$5 monthly

- RF Stage
- 6 Transistors and 8 Diodes
- Large Full-Tone 5x7" Built-In Speaker
- Luxurious Styling Enhances any Car

Full-feature AM car radio at a surprising low price. Actually rivals factory-installed radios in both luxurious styling and outstanding performance. Circuit with RF stage boasts 6 transistors and 8 diodes for high sensitivity and selectivity. Full 2-watt audio output. Tone control. Built-in 5x7" full-tone speaker. Mounts easily under the dash of any car, with universal mounting bracket. Interchangeable walnut and black vinyl inserts. Chrome-trimmed case, 1⅞x9x4½". For 6 and 12 VDC, negative or positive ground. From Japan. Shpg. wt., 5 lbs.
19 C 4255. *$5 Monthly*...............................29.95



Pushbutton 9-Band Shortwave Car Tuner

$29⁹⁵
$5 monthly

- Tunes 3.1 to 22 MHz in 9 Bands
- Plays Through AM Car Radio
- Plug-In Hookup—No Rewiring

Receive shortwave in your car. Solid-state tuner pulls in European radio, Voice of America, more. Pushbuttons select 90, 60, 49, 41, 31, 25, 19, 16 and 13 meters. Tune your AM radio to "10", select desired band, then tune with your regular radio. Plugs into antenna socket of AM radio, uses its standard antenna—no rewiring! 1⅝x8⅓x3½". 6 or 12 V, neg./pos. ground. Wt., 3½ lbs.
19 C 4041. *$5 Monthly*...............................29.95

Enjoy a Car Radio Now . . . Take Up to Two Years to Pa

ar Deck Speaker Kits, Accessories for All Cars

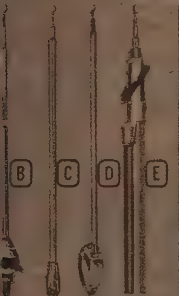
ash-Husher" Noise Filter Kit

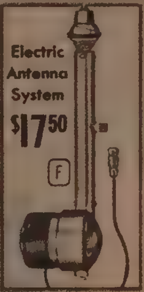
w As
050

Reduces Annoying Interference—Especially Effective on FM Radio and CB

l miles to mobile AM, FM, CB or
n reception. Filters out interference
ash") carried to your radio receiver
n the ignition, alternator, etc. Won't
ct electrical or mechanical operation.
ps in place between spark plugs and
ls. Has high-tension coil-to-distrib-
r filter lead. Shpg. wt., 8 oz.

4435. HH-8 for 8 Cylinder	12.95
4436. HH-6 for 6 Cylinder	10.50
4593. HH-4 for 4 Cylinder	10.50





Electric Antenna System $17.50

utomobile Radio Antennas for AM or FM Reception

-3800. Has built-in booster coil for long
nge reception—equivalent to 125" mast.
l ball base permits mounting at any
. With unbreakable stainless steel spring
t. 3 sections, 48" lead cable.
4437 X. Shpg. wt., 2 lbs. 3.49

-901. Standard 3-sec. top mount with
ll and steel stamped rocker base. Ex-
from 25" to 57". Has 48" fixed lead
. Shpg. wt., 2 lbs.
4438 X 1.89

-100. Universal replacement for broken
ast—mast of stud. 3 sections extend
23" to 57". With Allen wrench, set
s. Shpg. wt., 1 lb.
4439 X . . . . 98¢

-2601. Single stanchion side-mount. For
y model Volkswagen through 1966, oth-
eign cars. 23" mast extends to 57". With
ne base, 36" copper lead cable.
4440 X. Shpg. wt., 2 lbs. 2.49
C 4441 X. For '67, '68 Volkswagens . . 2.89

-5. Electric power antenna for front
ounting on most domestic cars. Extends
", collapses to 1¼". With 54" shielded
, 72" elec. harness. Operates from 12
; 15-lb. thrust. Includes hardware.
4442 X. Shpg. wt., 6 lbs. 17.50
4443 X. Adapt. for Rear Mount. 1 lb. . 2.98

Enrich the Sound of Your Car Radio With a Utah Rear Deck Speaker Kit

$8.95 $6.95 $12.95

G 6x9" Rear Deck Speaker Kit

Rear deck kit features speaker with 5.5-oz. magnet. Wire for 10, 20, 40 ohms. 12-watts music power. Deluxe chromed grille, 5½x9". Depth, 3". Screw terminals. Grill, escutcheon, fader, hardware, wire, instr.
19 C 4572. Wt., 1¾ lbs. 8.95

H Duo-Type 6x9" Speaker Kit

Easy-to-install extended-range speaker kit improves sound of transistor radios. Can be wired for 8, 20, 40 ohms. 1.47-oz. magnet. With chrome grille, dash-mounted 3-way switch, wire, hardware, instr.
19 C 4574. Shpg. wt., 2½ lbs. . . . 6.95

J 6x9" Hi-Fi Speaker

Finest 2-way rear deck automotive speaker kit. Features 6x9" woofer—6-oz. magnet for powerful bass; built-in 3" tweeter for better reproduction of high notes.

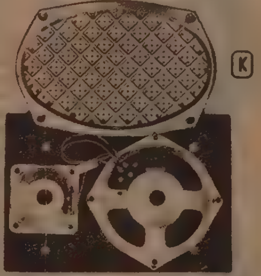
Can be wired for 10, 20, or 40 ohms. Capacity, 15 watts peak. Chrome grille, 5½x9". Depth, 3". Screw terminals for no-soldering hookup.

With grille, escutcheon, fader control, hardware, wire, instructions.
19 C 4571. 2½ lbs. 12.95

K 2-Speaker Rear-Deck Kit

$5.95
- 5" Woofer, 3½" Tweeter
- Independent Vol. Control

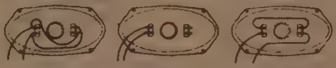
Surround yourself with sound. Separate 5" woofer and 3½" tweeter offer smooth response, add presence. Woofer, tweeter, crossover network are completely wired and installed on a baffle plate. For 8-10, 20, 40 ohms. Capacity, 6½ watts peak. Fits 6x9" cutout. Volume control, hardware, chrome grille. Shpg. wt., 3 lbs.
19 C 4573. . . . . 5.95



L Rear-Seat Speaker Kit

Multi-impedance speaker kit for cars with recessed grille in middle or rear seat. With 6" speaker, 3-way vol. control, dial plate, mtg. hardware, knob connectors, wire, instr. No soldering necessary. 10-20-40 ohms. Less grille.
19 C 4581. Shpg. wt., 2 lbs. 4.95

L Mounts in Recessed Grille



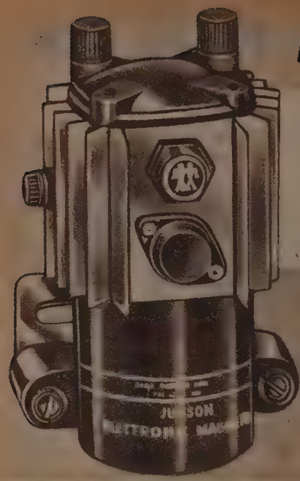
8–10 ohms 20 ohms 40 ohms

UTAH UNIVERSAL AUTO REPLACEMENT SPEAKERS

Standard Universal replacement speakers with 2 separate voice coils that can be connected for 8-10, 20, 40 ohm speakers. Av. shpg. wt., 9 oz.

Stock No.	Type	Size	Imp.	EA.	Stock No.	Type	Size	Imp.	EA.
19 C 4582	SP57DMI	5x7"	10/20/40	4.11	19 C 4588	SP610E8	6x10"	8-10	4.95
19 C 4583	SP69DMI	6x9"	10/20/40	4.35	19 C 4589	C57ECW	5x7"	8	4.50
19 C 4584	SP410EMI	4x10"	10/20/40	5.07	19 C 4590	C69JCW	6x9"	8	5.95
19 C 4585	SP6DMI	6"	10/20/40	4.11	19 C 4591	C69FCMIW	6x9"	10/20/40	7.95
19 C 4586	C5FC	5"	8	4.50	19 C 4592	C69GC3MI	6x9"	10/20/40	10.50
19 C 4587	SP58D8	5x8"	8-10	3.75					

Install-it-Yourself Auto Accessorie



Electronic-Magneto Ignition System

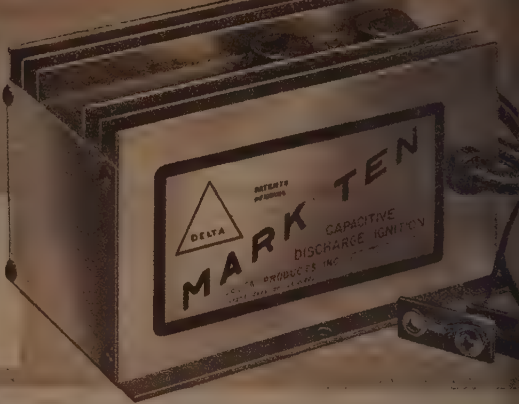
39^{88}

$5 monthly

Capacitive-Discharge Ignition System

39^{95}

$5 monthly



Judson Electronic-Magneto Ignition System

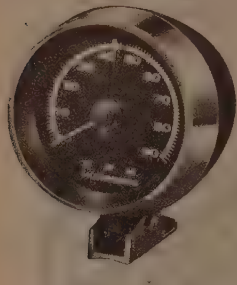
Performance-proved silicon transistor system gives improved ignition for faster starts, outstanding high-rpm performance, longer plug and point life. Like the mechanical magneto, voltage increases as engine speed increases, matching ignition requirements of engine. Even the output waveform is same as a magneto, reducing plug wear and giving hotter spark. One-piece unit installs easily, simply transfer 2 wires from present coil. Uses less current than standard ignition. For 6 or 12 V neg. gnd.

19 C 4112. Shpg. wt., 3½ lbs. *$5 Monthly*..........39.88
19 C 4385. As above, but for positive ground..........39.88

Delta Capacitive-Discharge Ignition System

"**Mark 10.**" True *electronic* ignition system for car or bo Develops 3 to 4 times more energy, with spark rise-time times faster, for complete combustion. Reduces was boosts performance, gives easier starts in any weath Provides up to 20% better gas mileage; 3 to 10 times long spark plug life; 60 to 80% *less* ignition maintenance. Silic Controlled Rectifier switching—unaffected by temperatu extremes. Installs in just 10 minutes, using standard coil no rewiring! Size, 8x5x4". For 12 volts DC negative groun Shpg. wt., 3 lbs.

19 C 4552. *$5 Monthly*..........................39.



Full-Sweep 270° Auto Tachometer

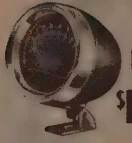
29^{95}

$5 monthly

- Our Best Selling Auto Tach
- 0-9000 rpm
- Panel Mount
- Illuminated Full-Sweep Dial

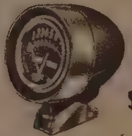
Custom-styled 3½" tachometer gives accurate indications of engine rpm. Full-sweep 270° dial has three times the needle travel of ordinary tachs. Adjustable pointer can be set to shift points. Reads 0-9000 rpm. Universal panel mount, handsome chromed case. Zener diode controlled. For 6 or 8-cylinder engines; 6 or 12 volt systems, positive or negative ground. 3 lbs.

19 C 4431. *$5 Monthly*..................29.95



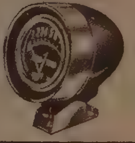
A

19^{95}



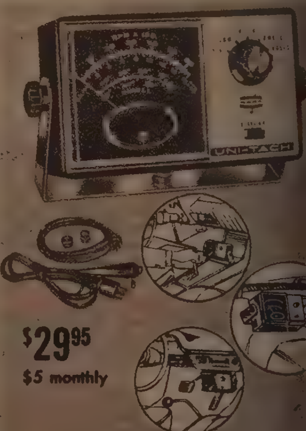
B

12^{95}



Reads 0-6000 rpm

12^{95}



29^{95}

$5 monthly

A **Wide-Sweep "GT" Tachometer.** Gives continuous 0-8000 rpm reading for maximum performance and gas mileage. Zener regulated for accuracy. Solid-state circuit. Lighted 3½" dial. You set adjustable pointer to show when to shift. Black/chrome finish. Universal mount. For 8-cylinder cars only. 6-12 V, positive or negative ground.

19 C 4427. Shpg. wt., 1¾ lbs. *$5 Monthly*...19.95

B **Custom 2" Bullet Tachometer.** Rugged tach with 2" illuminated dial, reads 0-8000 rpm. Zener diode regulated for accuracy. Universal mount for steering column, console, under dash, top of dash. Adjustable shift indicator. Black/chrome. For 6 or 12 volts, positive or negative ground. 1¼ lbs.

19 C 4087. For 8-Cylinder Cars..............12.95
19 C 4088. For 6-Cylinder Cars..............12.95

Volkswagen Tach

Get top performance from Volkswagen, most other 4-cylinder cars. Bullet tachometer reads 0-6000 rpm. Lets you know when to up-shift for best acceleration, when to downshift to avoid lugging—insures best gas mileage. Just set pointer to proper shift points. Illuminated 2" dial. Mounts anywhere. Black/chrome. For 6 or 12 V ignition. Wt., 1¼ lbs.

19 C 4430..........12.95

Uni-Tach Motor Monitor

Versatile instrument can be das or console-mounted, or used a tune-up tester. Measures: engir rpm (2 ranges): 0-1600, 0-640 rpm; dwell angle, 0-45°-60°; ba tery output, 0-16 volts. Determin point condition, monitors timin For 4, 6 and 8-cylinder engine 6 or 12 VDC pos. or neg. groun Easy to install—only three co nections. With cable, mtg. har ware, plug-in test leads, instru tions and tune-up guide. 6¼x3¾ 2". Wt., 4 lbs.

19 C 4015. *$5 Monthly*.......29.9

Easy-to-Install Accessories for Your Car

C Continental-Styled Auto Gauges

ıental design gauges monitor your engine con-sly, eliminate guesswork. Minimize possibility ine damage. Illuminated gauges have black nd chrome bezels, are set in luxurious chrome ɔanels with simulated teak inlay. With fit-ınd mounting hardware. For 12 volts.

Trio Combination Panel. Includes 0-80 lb. pressure gauge, 60-0-60 ammeter, 100-250° cal water temperature gauge. Wt., 2 lbs.
564 ....17.95

Dual Combination Panel. Includes 0-80 lb. pressure gauge, 60-0-60 ammeter. 1½ lbs.
565.......................................6 95

Oil Pressure Gauge. Reads 0-80 lbs.
C 4568. Shpg. wt., 8 oz....................4.95

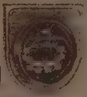
Water Temperature Gauge. Reads 100-250°.
C 4567. Shpg. wt., 8 oz....................9.95

Ammeter. Reads 60-0-60 amps.
C 4566. Shpg. wt., 8 oz....................4.95

597. 8′ 10-ga. Wire for Ammeters. 8 oz. . . .1.14

$17.95 A **989 Trio Combination Panel**

B



C

D

E

iamm Musical Horn Sets

95 $5 monthly

th

River Kwai

Cavalry Charge

el 501. River Kwai (Col. Bogey's March) al Horn. Five-trumpet horn set plays irst four bars of famous Col. Bogey's ch from the award winning film dge on the River Kwai". Cycle switch its horns to sound simultaneously. neled die-cast trumpets (longest is battery-operated single-blast com-sor. One mile range. Switch for use of lar horn. For 12 VDC neg. gnd.
4461 X. 12 lbs. *$5 Monthly*....69.95

el 411 Cavalry Charge Musical Horn (Not illus.) Similar to "River Kwai" but has 4 trumpets. Plays U.S. cav-charge. Shpg. wt., 10 lbs.
4462 X. *$5 Monthly*.............69.95

o-Tone Single-st Horn Set

9.95

monthly

h Trumpets

el 32. Two chrome-plated brass horns continental-type alternating signal ngle blast. Powerful, distinctive and ation-getting. Range, ½-mile. Cycle ch, heavy-duty compressor. 12 VDC tive ground. Wt., 5 lbs.
4187 X. *$5 Monthly*............19.95

Combination 270° Water-Oil-Amps Gauge Kit

Illuminated Gauges In Chrome Panel $14.95

Custom-styled panel with trio of 270° wide-sweep gauges for efficient monitoring of your engine's operation. No need to trust your engine to the usual indicator lights—you can spot trouble before it begins. Includes 0-80 lb. oil pressure gauge, 100-220° water temperature gauge, and 60-0-60 ammeter. Illuminated, in deluxe chrome panel with black and walnut inlays. For 12 volts DC.
19 C 4560. Shpg. wt., 2 lbs. 14.95

Siren Burglar Alarm

$27.95 **Spun-Aluminum Siren**

Protects your car with sharp penetrating sound of a police-type siren. Operates when doors, hood or trunk are opened and continues until alarm is turned off with key. With 6 switches, brackets, electric lock, hardware, instructions. 12 V neg. gnd. 6 lbs.
19 C 4127 X. *$5 Monthly*... 27.95

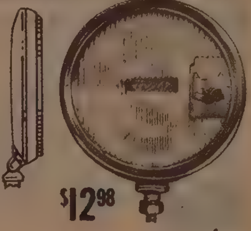
Tripplite Burglar Alarm

$24.95 **Plastic Siren**

Piercing siren goes off when door is opened, hood or trunk lid is raised. Can be wired to blast when emergency brake is released. Stays on until reset by pick-proof lock. With all switches, brackets, wire, instructions. For 6, 12 or 24 V neg. gnd. Wt., 5 lbs.
19 C 4569 *$5 Monthly*......24.95

Marchal Fog and Driving Lamps

Extremely powerful fog and driving lamps, promote safer night driving. Ultra-thin design. Special heat interchanger, hardened and tempered white glass lens, long-life quartz-iodine element. 5¾″ diameter, 2⅛″ deep. Adjustable mounting bracket. 12 VDC. Shpg. wt., 2 lbs.
19 C 4557. Fog Lamp...........12.98
19 C 4558. Driving Lamp..........12.98
19 C 4559. Replacement Element.....4.98



$12.98

Keep Your Car in Top Tune and Save

BONUS OFFER

Keyless E-Z Start

FREE

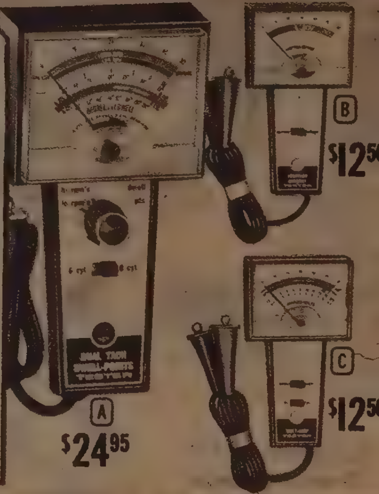
Described below

when you buy all three of these RAC hand-held car engine testers, listed at right.

Save $4.88

4-Piece Outfit Only

$49.95 $5 monthly



Hand-Held Car Engine Testers

A Dual-Range Dwell/Tach/Points Auto T with Big 3½" Meter. Dual-range tach s 0-1000 and 0-5000 rpm. For adjusting id speed, high-speed engine adjustments, pro ly setting correct cam angle of points. 0- 0-60° dwell ranges. Resistance scale tells when points should be replaced. For 4, 8-cylinder, 4-cycle engines, 6 or 12- systems. Zener-regulated. 1 lb.
19 C 4194. *$5 Monthly*..........2

B 3½" Meter Ignition Circuit Tester. Qui and easily pinpoints troubles in the i tion system. Checks points, coil, conder spark plug, wire, resistance. Color-co scale. Oil and gas-resistant leads. For 6, 24-volt, pos. or neg. gd. Wt., 1 lb.
19 C 4195..........1

C 3½" Meter Volt-Amp Tester. For test troubleshooting, setting generators, al nators, voltage regulators, overall electr system. Ranges: volts, 0-8, 0-16; amps, 0 For 6-12 volts, positive or negative grou
19 C 4196. Shpg. wt., 1 lb..........1

4-Piece Outfit. All three units above, *FREE* Keyless E-Z Start Bonus, 5 lbs.
19 C 0008 L4X. *$5 Monthly*..........4

RAC Solid-State Auto Testers

D
$17.95
E
$9.95
F
$9.95
G
$9.95
H
$9.95

D Idle Dwell/Tach Auto Tester. Measures dwell and rpm on 4, 6, 8-cylinder engines without changing connections or instruments. Scales: 0-1000 rpm; 0-45°, 0-60°. Tells when points are spaced right, reveals dwell angle variations. Checks weak cylinders, valves, plugs, air-filter capacity, air-fuelratio. Burnout-proof. Shpg. wt., 1 lb.
19 C 4197..........17.95

E 555 Idle Tach Tester. 0-1000 rpm. For adjusting idle speed on 4, 6, 8-cyl. engines. For 6-12 volts pos. or neg. gnd.
19 C 4198. Shpg. wt., 1 lb..........9.95

F 556 Cam Dwell Tester. 0-45°, 0-60°. Shows cam dwell angle of breaker points on 4, 6, 8-cyl. engines. 6-12 V.
19 C 4199. Shpg. wt., 1 lb..........9.95

G 558 Dual-Range Voltmeter Tester. For checking and troubleshooting 6 and 12 volt ignition systems.
19 C 4205. Shpg. wt., 1 lb..........9.95

H 559 Current Tester. Sets alternator and generator volt. reg. 6-12 volts.
19 C 4206. Shpg. wt., 1 lb..........9.95

DC-Powe
$249
J
AC-Powered
$12.95
K

J Deluxe DC-Power Timing Light. Provide brilliant, blue-white flash for checkin ignition timing even in daylight. Safe, shock proof. Triple-plated chrome finish. Operate from 6 or 12-volt car battery. Fully protecte against accidental burnout in case of rever polarity. Leads. 3½ lbs.
19 C 4463. *$5 Monthly*..........24.9

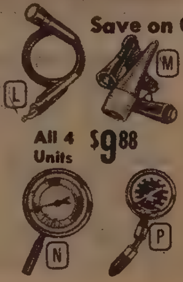
K AC-Powered Timing Light. Gives shar bright image for accurate timing. Check automatic spark advance, detects worn di tributor shaft, helps sync double point Xenon strobe, U.L. Listed. 110 V, AC/DC
19 C 4160. Shpg. wt., 2 lbs..........12.9

RAC Keyless E-Z Start

$4.88 **Starts, Turns Off Engine from Under-the-Hood**

Simplifies repair jobs, eliminates need for the second man. Combination remote starter/ignition switch "starts" car without a key. Lets you turn on ignition, start motor, and turn off ignition from under hood. Supplied with extra-long leads. Housed in shockproof case. Shpg. wt., 2 lbs.
19 C 4114..........4.88

Save on Complete Set of Troubleshooter Test



Complete Set of 4 Testers Listed Below.
19 C 4113 X. 5½ lbs. *Save 69¢*..........

L Timing Light. Neon bulb. Wt., 1 lb.
19 C 4012..........

M Remote Starter. Lets you crank en from under hood. Wt., 1 lb.
19 C 4011..........

N Vacuum and Fuel Pump Tester. 0 vacuum, 0-7 lbs. pressure. Wt., 1½ lb
19 C 4014..........

P Compression Tester. 0-300 lbs. 1½ lbs.
19 C 4013..........

Buy Your Auto Equipment the Easy Way—with Allied's Credit Fu

Deluxe Automotive Test Instruments

Solid-State All-Purpose Auto Analyzer

- Color-Coded, Easy-to-Read 7" Meter
- Tachometer, Spark Tester, Dwell Meter, Voltmeter, Ohmmeter, Ammeter and Condenser Checker—All In One Unit

$\$69^{95}$
$5 monthly

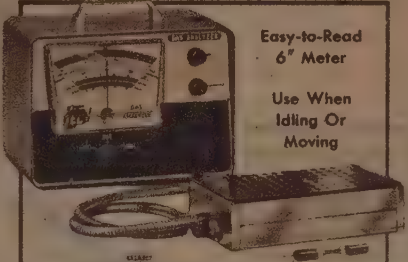
AUTO ANALYZER
AUTO ANALYZER

must" for the serious repairman. Fast-working, all-in-one ery-powered analyzer makes tune-ups and servicing easier. 4, 6 and 8-cylinder engines. Tachometer reads engine rpm—s you to set idling speed and automatic transmission shift its. Dwell meter tests points, distributor and spark advance. meter checks generator, alternator, voltage regulator. Ohmer covers electrical systems. Color-coded scales: Tachometer, 00 and 0-6000 rpm; Dwell angle, 0-60°; Amps, −5 to +90; s, 0-3, 0-16; Spark Output, 0-30; Resistance, 0-20,000 ohms; lenser resistance; coil resistance. For 6 or 12 volts. With eries. Shpg. wt., 8 lbs.
4208 X. *$5 Monthly*..............................69.95
5079. Extra Batteries. (Use 3.) 10 oz........Pkg. of 4 for 65¢

eluxe Hard-Top Battery Tester

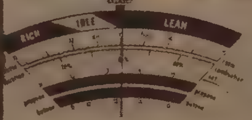
29^{95} Extra-Large D'Arsonval Meter
monthly

gned to test covered-car batteries, without oving cover. Checks ging rate and voltage —lets you be certain battery won't fail when need it most. Also tests harged batteries. Exely easy to operate—es complete test in only conds. Big easy-to-read rsonval meter. For 6 or olts. Wt., 4 lbs.
4209. *$5 Mo*.....29.95



Easy-to-Read 6" Meter

Use When Idling Or Moving



$\$69^{95}$
$5 monthly

Exhaust Gas Analyzer

Clues you in on combustion problems and assists in making carburetor adjustments. Carburetor can be set while car is idling, or pickup unit can be hung on rear bumper, with receiver in car for precise settings on the road. Measures air-fuel ratios from 11 to 15, and percent of combustion. Color-coded Rich-Idle-Lean scale also indicates proper setting for smog control. Usable for propane and butane, too. 12 lbs.
19 C 4207 X. *$5 Monthly*..........69.95

Dual-Range Dwell/Tach, Volt/Amp, Points Tester

$\$49^{95}$
$5 monthly

RAC Tune-Up Analyzer

Precision analyzer combines four instruments for variety of tests: dwell-tach, voltmeter, ammeter, points resistance meter. Permits easy tune-ups for peak engine performance. Big 5½" easy-to-read dial. For 4, 6 or 8-cylinder engines, 6 or 12 V, pos. or neg. gnd. Tach measures 0-1200 and 0-8000 rpm; Dwell angle, 0-45 and 0-60°; Volts, 0-8, 0-16; Amps, 0-80; Points on Good/Bad scale. Zener regulation. 5 lbs.
19 C 4570. *$5 Monthly*....49.95

Schauer Battery Chargers and Boosters at Low Allied Prices

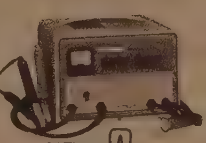
-5612 **Boost/Charger.** Uses 110 VAC current for fast ts of engines with dead bat-, plus rapid charging of 6 or olt batteries. Builds to 100 s or more on 6 volt battery, amps or more on 12 volt. rges at 20 amp rate. Autoic temperature controlled uit breaker. 7¼x10⅝x9½". h 3½-ft. DC leads, 10-ft. cord. Wt., 15 lbs.
4562. *$5 Monthly*....49.95

12 **4-Amp Charger.** For 6 or V batteries. Charges in 5-14 Circuit breaker; ammeter. x4½x5". 115 V, 60 Hz AC.
4008. Wt., 5 lbs.......9.95

B **BR-112 6-Amp Automatic Charger.** For 12-V batteries, operates without attention. Automatically shuts off when battery is fully charged, with "trickle charge" to keep battery at full capacity. Ammeter. Gold-color case, 9⅜x6x6½". For 110-120 V, 60 Hz AC. 9 lbs
19 C 4004. *$5 Monthly*....19.95

C-6612 10-Amp Charger. 6- or 12-V batteries in 2-6 hrs. Circuit breaker, ammeter. 9⅜x6x6½". 110-120 V, 60 Hz AC.
19 C 4010. Wt., 11 lbs.....16.95

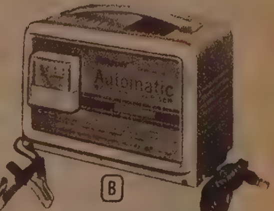
19 C 4009. B-6612 6-Amp Charger. Charges 6 or 12-V batteries in 3-7 hrs. 115 VAC. 9 lbs...11.95



NEW A

J-5612 Battery Boost/Charger

$\$49^{95}$
$5 monthly



B

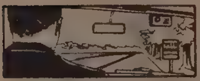
BR-112 Automatic 6-Amp Charger

$\$19^{95}$ **$5 monthly**

Install-It-Yourself Auto-Safety Accessories

DRIVER ALERT

"Radar Alert"



$29.95
$5 monthly

Gives audible warning when triggered by police radar. Alerts you when driving into dangerous area; makes you aware of speed limits for safety. Small and compact, it clips to sun visor. Has 8 transistor circuit powered by two 1000-hour mercury cell batteries. Volume control. Size, 2¼x3⅝x3¼". Beige color. *Use may be regulated by state laws.* Shpg. wt., 1¼ lbs.
19 C 4132. *$5 Monthly*.......29.95

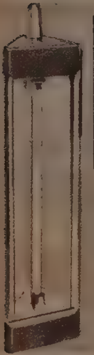
Marker Lights add Style and Safety to Your Car

A Side Marker Lights
$4.95 Set of 4

Side Marker/ Turn Indicato Light Set
B
$8.95 Set of 4

A **Side Marker Lights.** Bring your car up-to-date with side marker lights, required by law on all 1969 cars. Gives added safety to your car and passengers by warning autos approaching from the side. Easy to install; waterproofed; uses S.A.E. lenses and bulbs. Set includes two red and two amber. For 12 VDC. Wt., 1½ lbs.
19 C 4021........Set of 4 for 4.95

B **Light Cornering Set.** Deluxe war ing lights give your car a up-to-the-minute look. Light-u with headlights and blink in uniso with turn indicators, warning oth cars approaching from the sid Waterproof construction. Easy-t install, solderless connectors. I cludes 2 red and 2 amber. For VDC. 1½ lbs.
19 C 4034........Set of 4 for 8.9

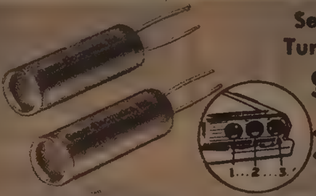


Battery-Operated Fluorescent Light

$16.95

Operates Off Any 12-Volt Car Battery

Enjoy bright fluorescent light outdoors. Ideal for campers, hunters, fishermen. Operates economically from your car cigarette lighter/battery. Requires only 1 amp, 12 VDC. Complete outfit includes: 25' cord, reflector, battery jumper set, 8-watt fluorescent tube, cigarette lighter adapter, transistorized power converter. Shpg. wt., 3 lbs.
19 C 4189 X..................................16.95



Sequential Turn Signals

$18.95

- Easy to Insta
- Modular Circ

Modernize your car with sequential turn signal Continuous, pulsing waves of light point directi of turn. Installs on any car having 3 tail/stop ligh on each side. Consists of two encapsulated trans torized units (one for each tail light), four colo coded cables molded in each unit, automatic co nectors. For 12 VDC. Shpg. wt., 3 lbs.
19 C 4457..................................18.

Hazard-Warning Flasher

$4.29

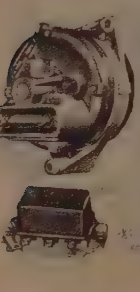
A safety "must" for every car. This handy device prevents possible collision when you're stranded on a highway at night. Flashes all four turn-signals at once—warns approaching traffic of your stalled vehicle. Easy to hook-up; no wire cutting or stripping. Illuminated pull-switch. For 12 VDC. With flasher, fuse, bulb and wire.
19 C 4029. Shpg. wt., 2 lbs........................4.29

Bon-Aire Auto Vacuum

Plugs into Car's Lighter Socket

$8.88

No car owner should be without this handy vacuu cleaner. Cleans-up campers, boats, planes, autos. Ligh weight design. Powerful suction provided by 12,000 rp motor and specially pitched impeller. Handy nozzle giv easy access to hard-to-get-at places. Dentproof finis Draws only 4.5 amps. Size, 4x17". For 12 VDC.
19 C 4257 X. Shpg. wt., 2 lbs......................8.



53-Amp Alternator System

$59.95
$5 monthly

- Keep Your Battery at High-Charge Level
- Even Charges at Idle

Replaces low-amp alternator or generator—keeps battery at high-charge level. Gives a peak of 53 amps, 15 amps at idle. Splash-proof windings. With regulator, ⅜" single pulley (not for air-cond. cars with 2 drive belts); bracket, cables. 12 VDC neg., pos. gnd.
19 C 4039 X. Wt., 17 lbs.....59.95

Defrosts, Defogs

New Safety Auto Mirror

$6.95

- Offers Two-Way Protection
- Instant Clear Visibili

See better in all weather! Mi ror defrosts, defogs at the flic of a switch; "flips" for glar free night driving. Ellip shape, considered to be th most perfect shape for au mirrors. New look! For 12 VD Shpg. wt., 2 lbs.
19 C 4027..........Each 6.

194 pieces
SPECIAL PURCHASE!
Husky
Tremendous Socket and Tool Set Offer!
$39.99
$5 monthly

New 194-Piece Professional-Quality Socket Wrench and Tool Set

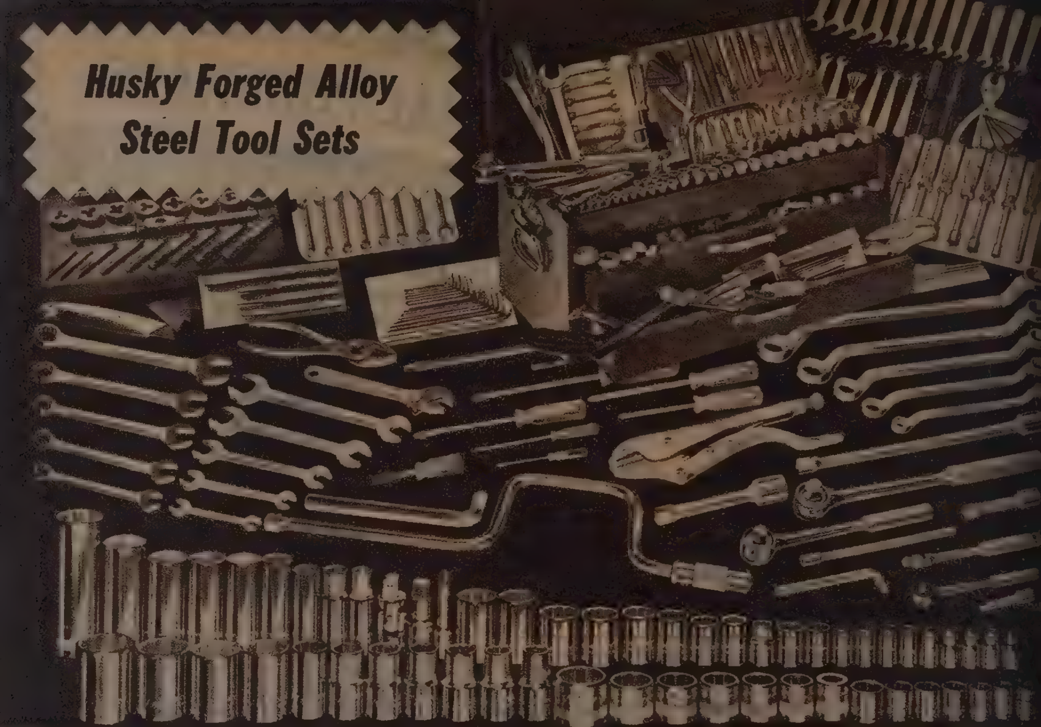
Husky Tools Forged from Tough Alloy Steel
Sockets are Protected with Triple-Plated Chrome Finish
Set includes 50 Sockets and Accessories for Every Job

- Includes Metric Socket Set for Working on Foreign Cars
- Automotive Ignition Sets for Complete Ignition Overhaul
- Large Steel Tool Box with Convenient Removable Tray

less than 21¢ each for these finest-quality tools— value of the year! With the correct tool on hand for ry mechanical job, you'll find the job easier and faster do, and you'll do it better! This professional-quality, -cost 194-piece tool set offers the perfect selection of cisely-made tools for virtually any mechanical job re- rements. *Alloy sockets and handles:* ½″ drive—ten kets (7/16″ to 1″), ratchet, 19″ speeder, 5″ extension; ⅜″ e—seven sockets (⅜″ to ¾″), ½″ to ⅜″ adapter; ¼″ e—eight 6-point sockets (3/16″ to 7/16″), three 8-point kets (¼″ to ⅜″), 6″ extension, 6″ flex handle. *Carbon ets and tools:* ½″ drive—seven sockets (7/16″ to ⅞″), "L" handle, metric drive—seven sockets (7mm to 14mm), "L" handle; ¼″ drive—seven sockets (¼″ to ½″) with "L" handle and rack; 13/16″ spark plug socket and bar. *Other tools included:* 5-piece open-end wrench set (5/16″ to ¾″); 24-piece automotive ignition set; 8-piece ignition wrench set; 18-piece hex key set; hacksaw frame with 24 extra blades; 17-piece screwdriver set; 13-piece drill set; ⅜″ tempered steel cold chisel; 6″ combination plier; shop knife and five blades; fine and medium armature paper for "turning" armatures. Rugged metal tool box with tote tray holds complete socket and tool set.

26 C 2412 X. Shpg. wt. 30 lbs. *$5 Monthly* 39.99

Husky Forged Alloy Steel Tool Sets



Complete Quality-Made 223-Piece Deluxe Socket and Tool Set

223 Pieces

$99.95

$5 monthly

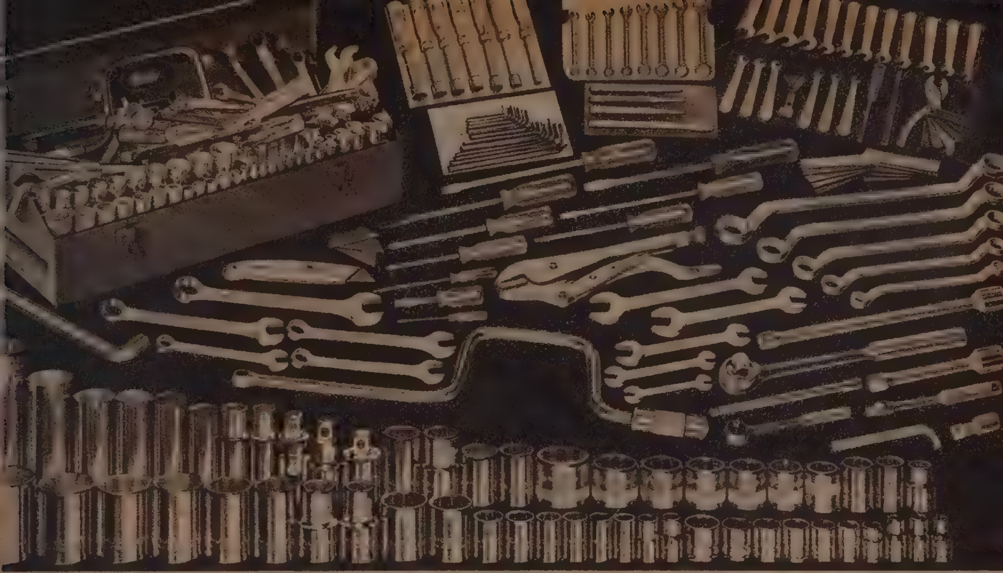
Unbeatable value for professionals and home owners. Includes 3 drive sets with thin-wall sockets plus many more necessary items. Husky tools have triple-plated mirror chrome finish. **½" Drive Set:** 10", 5" exten., ratchet, speeder, spark plug skt., ten 12-pt. skts. (7/16"-1"), three 6-pt. skts. (7/16"-9/16"). **⅜" Drive Set:** seven 12-pt. skts. (⅜"-¾"), 8-pc. ⅜" deep skt. set (⅜"-13/16"), 1¾", 3" extensions, ratchet, univer. joint. **¼" Drive Set:** Eight 6-pt. skts. (7/32"-7/16"), three 8-pt. skts. (¼"-⅜"), flex handle, ratchet, 2", 6" extensions. Also included: 8-pc. metric skt. set (7 mm-14 mm);
8-pc. ½" drive hex skt. set (7/16"-⅞"); 5-p
box end wrench set; 5-pc. open-end wrenc
set; 5-pc. comb. set; 24-pc. ignition wrenc
set; 8-pc. comb. ignition wrench set; hacksa
frame w/24 blades; 18-pc. hex key set; 10-p
screwdriver set; 7-pc. nut runner set. Also,
fine and 6 extra-fine abrasive sheets; 5-p
punch and chisel set; utility knife w/5 blade
grip wrench; 6" combination pliers; 20-pc. ta
and die set; 6" adjustable open-end wrench
rugged 2-drawer steel tool chest with li
Shpg. wt., 65 lbs.
26 C 2771 Z. *$5 Monthly*..........99.9

170-Piece Tool Set Featuring Thin-Wall Sockets and Mirror-Chrome Finish

Complete Set

$49.95 $5 monthly

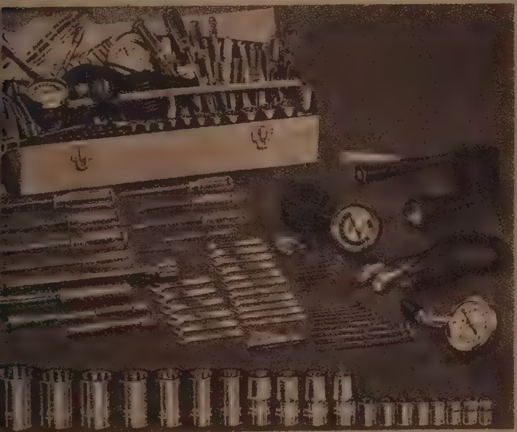
Outstanding value! **½" Drive Set:** 10", 5" ext., ratchet, speeder, 13/16" spark plug skt. ten 12-pt. skts (7/16"-1"). **⅜" Drive Set:** seven 12-pt. skts. (⅜"-¾"), ½"-⅜" adapters. **¼" Drive Set:** 6" ext., ratchet, 6" flex handle, eight 6-pt. skts. (3/16"-7/16"), three 8-pt. skts. (¼"-⅜"). Also: 5-pc. open-end wrench set; 12 fine
abrasive sheets; 8-pc. metric set; 5-pc. punch
chisel set; 10-pc. screwdriver set; 18-pc. he
key set; hacksaw, 24 blades; 8-pc., 24-p
ignition sets; grip wrench; 7-pc. nut runne
set; 8-pc. ½" driver hex set; steel tool ches
Shpg. wt., 17 lbs.
26 C 1361 X. *$5 Monthly*..........49.9



196-Piece Forged Alloy Steel Tool Set for Professionals and Homeowners

satile Husky tools include: **½″ drive**—ten
ɔt. skts. (7/16″-1″), extra-deep spark plug
, ratchet, speeder, 5″ and 10″ extensions;
drive—seven 12-pt. skts. (3/8″-3/4″). 8-pc.
p skt. set (3/8″-13/16″). ½″-3/8″ reducing
pter, 1¾″ drive exten., universal joint;
drive—eight 6-pt. skts. (7/32″-7/16″), three
:. skts. (¼″-3/8″), flex hdle., 6″ exten.,
:het. **Also:** 8-pc. hex skt. set (7/16″-7/8″); 8-pc. metric skt. set; 5-pc. comb. wrench set; 5-pc. open end and 5-pc. box-end wrench set; 24-pc. ignition set; 8-pc. ignition wrench set; hacksaw frame, 24 blades; 18-pc. hex key set; 10-pc. screwdriver set; 7-pc. nut runner set; 6 fine, 6 extra-fine abrasives; 5-pc. punch, chisel set; knife w/5 blades; grip wrench; tool box, tray. Shpg. wt., 54 lbs.
26 C 2781 Z. *$5 Monthly*..............69.95

$69.95
$5 monthly



82-Piece ¼″ and ½″ Auto
cket and Maintenance Tool Set

$39.95 **$5 monthly**

professional and do-it-yourself mechanics. Includes timing
t, compression and fuel pump testers, remote starter switch
perfect spacing of distributor breaker points, and many more
ls for car tuneups and maintenance. The ½″-socket set: ½″
ve reversible ratchet; 5″ socket extension; 13/16″ spark plug
ket; three 6-pt. sockets, 7/16″ to 9/16″; eight 12-pt. sockets, 7/16″ to
Other tools: ratchet and socket set, 10-pc. screwdriver set, 18-
hex key set, compression tester, fuel pump tester, timing light,
note starter switch, 20-pc. ignition set, metal tool box.
C 1396 X. Shpg. wt., 12 lbs. *$5 Monthly*..............39.95

62-Piece Mechanics Set —A Great Tool Value

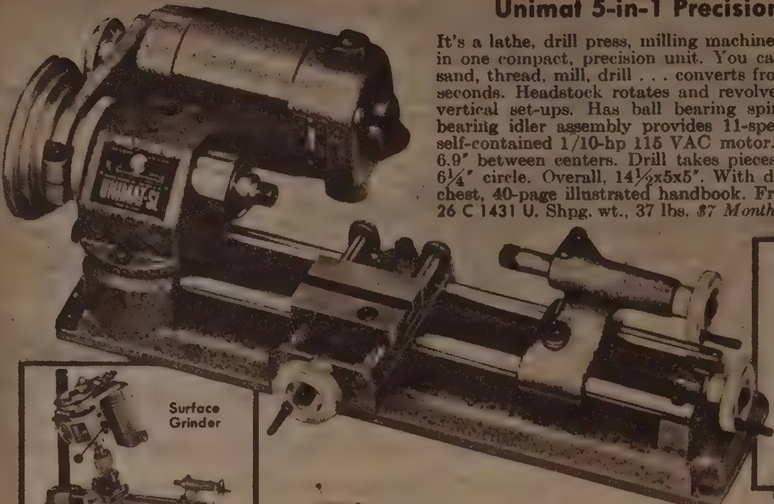
$29.95 **$5 monthly**

Low-cost set includes most needed tools. Has ¼″ square drive set with eight 6-pt., 3/16″ to 7/16″ sockets, three 8-pt., ¼″ to 3/8″ sockets, 6″ extension, 6″ flex handle. ½″ square drive set has ten 12-pt. sockets from 7/16″ to 1″, ½″ drive ratchet and ½″ drive 10″ extension. Also includes: 18-pc. hex key set, hacksaw with 12 blades, 5-pc. open end wrench set 5/16″ to ¾″, and sturdily-constructed, durable metal tool box. Shpg. wt., 20 lbs.
26 C 2784 X. *$5 Monthly*..............29.95

Precision Wood and Metal Power Lathes

Unimat 5-in-1 Precision Hobbyist Lathe

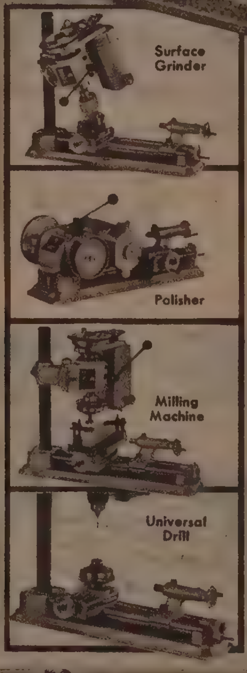
It's a lathe, drill press, milling machine, polisher and grinder . . . a in one compact, precision unit. You can turn, face, grind, buff, sa sand, thread, mill, drill . . . converts from one operation to another seconds. Headstock rotates and revolves 360°, removes from bed f vertical set-ups. Has ball bearing spindle accurate to .0005". B bearing idler assembly provides 11-speed drive system, powered self-contained 1/10-hp 115 VAC motor. Lathe handles 3"-dia. piec 6.9" between centers. Drill takes pieces 6¼" high, drills to center 6¼" circle. Overall, 14½x5x5". With drill chuck, roughing bit, wo chest, 40-page illustrated handbook. From Austria.
26 C 1431 U. Shpg. wt., 37 lbs. *$7 Monthly*. 139.5



Unimat Multi-Purpose 3-inch Lathe

$139.50 $7 monthly

With Motor, Drill Chuck Tool Bit, Wood Chest



Popular Unimat Accessories

A **1290 Power Carriage Feed.** For fine finishing. Wt., 6 lbs.
26 C 2443. *$5 Monthly*. 19.95

B **1240 Circular Saw Attachment.** 6x8" table; rip fence; blade guard; arbor. Takes blade to 3½".
26 C 2448. Wt., 4 lbs. 14.95

C **1080 Jig Saw.** 6x8" table; with 12 asstd. blades. Wt., 6 lbs.
26 C 2445. *$5 Monthly*. 19.90

D **1100 Six ¼" Lathe Tools.** For turning, facing, bore, cut-off.
26 C 1692. Wt., 8 oz. 10.90

E **1040 Steady Rest.** Supports 1½" bars and tubing for machining, end drilling. Shpg. wt., 1 lb.
26 C 2444. . . . . .9.95

F **1260 Index Head.** Divides, spac for making gears, etc.
26 C 2446. Wt., 1 lb. . . . . .14.

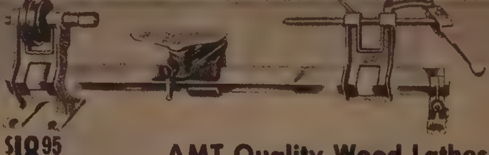
G **1002 4-Jaw Independent La Chuck.** For pcs. to 2¼". 1 lb.
26 C 1690. *$5 Monthly*. . . . . . . .23.

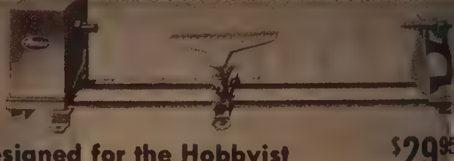
1001 3-Jaw Universal Chuck. 2¼".
26 C 2442. Wt., 1 lb. . . . . .24.

H **1261 Work Plate** Holds work lathe. 2¾". With clamps.
26 C 2447. Wt., 1 lb. . . . . .6.

J **1210 Milling Table.** 3x5". Clam work for milling.
26 C 1689. Wt., 2 lbs. . . . . .12.

K **1010 Machine Vise.** Fits cr slide, mill table. Cap. 1⅛".
26 C 1679. Wt., 13 oz. . . . . .9.





$18.95

AMT Quality Wood Lathes Designed for the Hobbyist

$29.

Three-Foot Wood Lathe with 6" Swing

Rugged wood lathe is all cast iron and steel, designed for excellent-quality wood-turning at low cost. Has 6" swing, for pieces up to 6" diameter. Adjustable T-rest assembly, lever-action tail stock. Maximum distance between centers, 23"; bed is 36" long. Headstock and tailstock spindles, each ½". Heavy-duty spur center, ball thrust cup center. Less motor.
26 C 3273 X. Shpg. wt., 22 lbs. 18.95
26 C 3299. **Set of 3 Wood-Turning Chisels.** 1 lb. 6.95

Four-Foot Wood Lathe with 12" Swing

Industrial-quality, full-size lathe for big wood-turn jobs. Has swing of 12" for pieces to 12" dia. with 36" ma mum between centers. Graduated T-rest assembly, scr action tailstock ram. Headstock spindle, ¾"; tailst spindle, ⅝". Heavy duty spur center, ball thrust cup cent 49" bed. Less motor.
26 C 3268 X. Wt., 27 lbs. *$5 Monthly*. . . . . .29.
G.E. Motor. 1 hp. 1750 rpm. For AMT lathes. 115 VAC.
26 C 3274 X. Shpg. wt., 17 lbs. *$5 Monthly*. . . . . .22.

remel Super-Powered Moto Tools

Model 271 Moto-Tool Kit. Improved Moto-Tool has more than twice the ver of previous models, weighs only 11 Permanent-magnet 0.8-amp motor h unique full-wave rectifier operates at 00 rpm, no-load. Vibration-free, with h velocity cooling fan. Self-lubricating nze bearings, pencil grip extension for ail work. 7¼" long. Kit includes 34 essories: high speed steel cutters, ding wheels, rubber polishing tip, shes, sanding discs, drum sander, udrels, dressing stone, wrench, 4 collets ", 3/32", 1/16", 1/32"), case. 115 V, 60 Hz U.L. Listed.

C 2128. 3 lbs. *$5 Monthly*......32.95
C 2127. 270 Tool Alone. 2 lbs......26.95

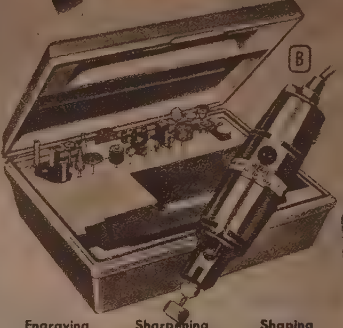
Model 261 Moto-Tool Kit. Super-compact Moto-Tool fits perfectly in the m of your hand, handles as easily as encil. Performs intricate work with point accuracy. Has power to spare demanding work loads. The 0.5-amp tor delivers 30,000 rpm, with torque p-off so gradual it's almost stall-proof. namically balanced for vibration-free ration. Large vents, high velocity fan. includes 34 accessories, same as ve. 115 VAC. U.L. Listed.

C 3195. 3 lbs. *$5 Monthly*......27.95
C 3249. 260 Tool Alone. 2 lbs......21.95

Model 281 Heavy Duty Moto-Tool Kit. Same as Model 271 Kit above, but with uper-power Moto-Tool that features ra-rugged ball bearing construction. its size, this is the fastest, most power-and rugged hand grinder you can buy. s permanent-magnet 0.9-amp motor h full-wave rectifier—runs at 30,000 , no-load. Weighs only 11 oz. for easy dling. Kit includes 34 accessories, e as Model 271 above. U.L. Listed. 115 V, 60 Hz AC. 3 lbs.

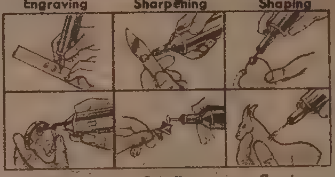
C 3260. *$5 Monthly*..........44.95
C 3261. 280 Tool Alone. 2 lbs.....38.95

$32.95
$5 monthly

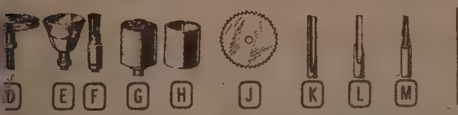


$27.95
$5 monthly

Ball Bearing **$44.95**
$5 monthly



Moto-Tool Accessories for Added Versatility



No. 428 Wire Brush. Wt., 1 oz.
26 C 2929..........................50¢

No. 442 Wire Brush. Wt., 1 oz.
26 C 2930..........................50¢

No. 443 Wire Brush. Wt., 1 oz.
26 C 2931..........................50¢

No. 407 Drum Sander. ½" dia.
26 C 2932. Wt., 1 oz..............1.00
C 2933. No. 430. ⅜" dia..........1.00

Drum Sander Bands. Pkg. 12
26 C 2934. 432. ½" fine. 4 oz.....50¢
C 2935. 408. ½" coarse. 4 oz.....50¢
C 2936. 431. ⅜" coarse. 4 oz.....50¢
C 2938. 433. ⅜" fine. 4 oz.......50¢

No. 406 Steel Saw. .005" thick.
26 C 3002. Wt., 1 oz..............1.00
C 3003. 400. .023" thick..........1.00

No. 101 ⅛" Routing Cutter.
26 C 3004. Wt., 1 oz..............1.25

No. 103 1/16" Routing Cutter.
26 C 3005. Wt., 1 oz..............1.25

No. 104 1/32" Routing Cutter.
26 C 3010. Wt., 1 oz..............1.25

No. 409 Emery Cutting Wheels.
26 C 3011. 1 oz...........Pkg. 36/1.50

R **No. 410 Sanding Discs.** Wt., 1 oz.
26 C 3020...........Box of 525/2.25

S **No. 223 Universal Stand.** Leaves both hands free, can be set at any angle. Cast-iron base will not tip.
26 C 2480. Wt., 2½ lbs...............6.95

T **No. 225 Drill Press.** Table can be raised or lowered, locks in position. Steel. 12" high. Wt., 3 lbs.
26 C 2491.............................12.95

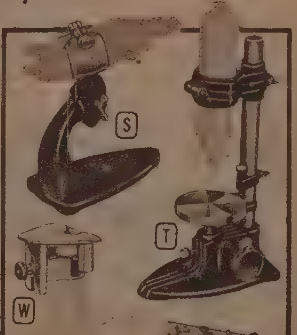
W **No. 224 Shaping Table.** Use with 223 Stand for routing, grinding. Raises, lowers to adjust cut depth.
26 C 2485. Wt., 8 oz.................3.95

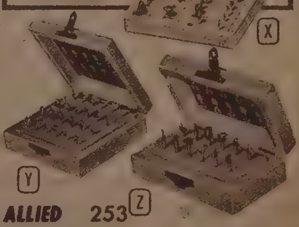
X **Emery Wheel Grinding Stones.** 12 oz.
26 C 3102.............Pkg. of 33/16.50

No. 202 20-Piece Accessory Set. (Not illus.) Drum sander, saw, 4 brushes, 6 wheel points, 2 mandrels, sanding disc, polisher, 4 high speed steel cutters.
26 C 3136. Wt., 1 lb..................14.00

Y **No. 240 24-Pc. Cutter Set.**
26 C 3138. Wt., 2 lbs.................30.00

Z **No. 220 12-Pc. Cutter Set.**
26 C 3137. Wt., 1 lb..................15.00





Drive-R-Drill with Variable Spee

Speed Control
Reverse Switch
Adjustable Knob Holds the Drill Speed You Want

Save $7.45 . . . Drive-R-Drill with 18-pc. Accessory Kit and Case

SKIL

¼" Drill with Kit and Case	⅜" Drill with Kit and Case	½" Drill with Kit and Case
$37.88	$44.88	$47.88
$5 monthly	$5 monthly	$5 monthly

Drills Tile

Re-threads

Assembles

Polishes Car

Sands Wood

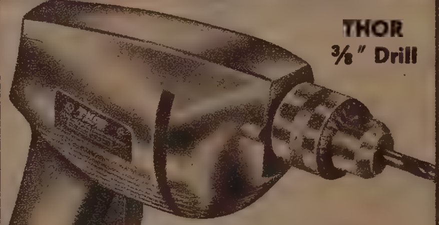
Drives Screws

Reversible Drive-R-Drill with Adjustable Trigger Speed Control

Remarkable Drive-R-Drill with Trigger Speed Control and special accessory kit. Operates in forward or reverse at any speed up to 2000 rpm. It's a power drill, a power wrench, an electric screwdriver, a sander, and a buffer. You can drill and thread holes in metal, or drill in any other material—even glass; tighten or remove nuts and bolts; drive or remove screws; polish, sand, grind, and do hundreds of other jobs. So lightweight and compact—handling it is a breeze. Just squeeze the trigger to select speed—the harder you squeeze, the higher the speed. ¼" has 2.5-amp motor; ⅜" and ½" have 3-amp motor. Speed ranges: ¼"—0-2000 rpm; ⅜"—0-1000 rpm; ½"—0-750 rpm. 6' 3-wire cord, plug. Less bit Drill kits include screwdrivers, nutdrivers drill bits, carrying case. U.L. Listed. 115 V 50-60 Hz AC.

26 C 1206 X. ¼" Drill Kit. 6 lbs. 37.8
26 C 1210 X. ⅜" Drill Kit. 6½ lbs. 44.8
26 C 1216 X. ½" Drill Kit. 6½ lbs. 47.8
26 C 1192. ¼" Drill Alone. 4 lbs. 31.8
26 C 1194. ⅜" Drill Alone. 4½ lbs. 38.8
26 C 1201. ½" Drill Alone. 4½ lbs. 41.8
26 C 3115. Drill Case Alone. 1 lb. 4.9
26 C 3116. Accessory Kit Alone. 1 lb. 8.5

Variable-Speed Power Drills for Every Need



THOR
⅜" Drill

$19.99
$5 monthly

Squeeze the Trigger for 0-1900 rpm Speed

Model 912-VSC. Fingertip continuous speed control from 0-1900 rpm. Drills any material, threads holes in metal, drives screws. Powerful 3-amp Therm-O-Weld motor resists burnout. Precision ball-bearing construction. Drills ⅜" in steel, ¾" in hardwood. 8½" long. With 6-ft. 3-wire cord and plug. Less bit. U.L. Listed. For 115 V, 25-60 Hz AC. Shpg. wt., 4¾ lbs.
26 C 3164. *$5 Monthly*. 19.99

¼" Drill
$32.99
$5 monthly

⅜" Drill
$36.99
$5 monthl

BLACK & DECKER Double-Insulated Variable-Speed Reversing Drills

Just squeeze trigger control for any speed fro 0 to full; flick switch to reverse direction. Rugge drills are double-insulated with nylon housing fo maximum safety. Both models have 2-wire cord Long-life needle bearings. Less bit. 115 VAC.

A **U-207-2 ¼" Drill.** Capacity: ¼" steel, ½ hardwood. 3.5-amp, ¼-hp motor; 0-2250 rpm
26 C 1190. Wt., 4 lbs. *$5 Monthly*. 32.9

B **U-222-2 ⅜" Drill.** Capacity: ⅜" steel, ¾ hardwood. 3.5-amp, ¼-hp motor; 0-1000 rpm
26 C 1191. Wt., 5 lbs. *$5 Monthly*. 36.9

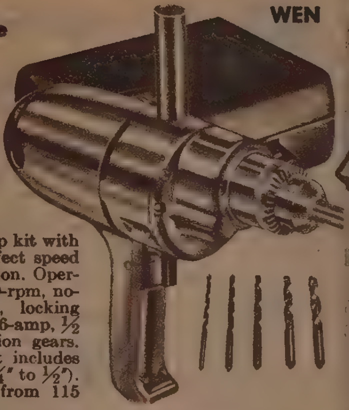
ig Values in Quality Power Drills

en 4-Speed Reversible ½" Drill Outfit

$\$43^{33}$ $5 monthly

iplit-Second Speed Change
lurnout-Proof ½ hp Motor
With Case and Drill Bits

odel 950. Complete workshop kit with versible drill; gives the perfect speed · every job, in either direction. Oper-es at 630, 730, 2200 or 2400-rpm, no-ad. Double-switch reverse, locking gger switch. Burnout-proof 6-amp, ½ · motor has double reduction gears. " long. 6′ 3-wire cord. Kit includes rrying case and five bits (¼" to ½"). L. Listed. For operation from 115 AC. Shpg. wt.,12 lbs.
C 1233 X. Drill Kit. *$5 Monthly*..43.33
C 2822 X. Drill Alone. 9 lbs.....38.88



Drill Kit Includes Five High-Speed Drill Bits

$\$37^{50}$
$5 monthly

"Electronic" ¼" Drill Fits In Your Palm

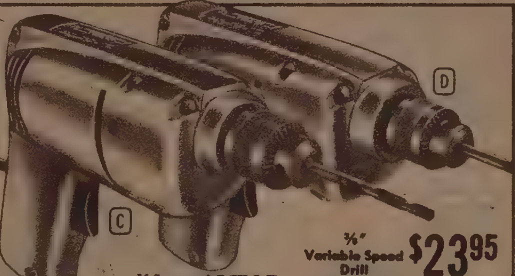
Model E110. Miniature drill weighs only 27 oz.—fits right in the palm of your hand. Built-in solid-state rectifier powers 1.5-amp DC motor for full-range torque. Drills ¼" diameter in steel, ½" in wood. Burnout-resistant motor. Speed, 1200 rpm at no load, 1100 rpm at full load. Features double reduction gears. Complete with geared key chuck and key; 8-ft. 3-wire cord and plug. Aluminum housing, 6⁷⁄₁₆" long. Less bit. U.L. Listed. For 110-120 volts, 60 Hz AC. Shpg. wt., 5 lbs.
26 C 1844. *$5 Monthly*..............37.50

SHOPCRAFT
B
A

¼" Drill $\$12^{95}$

⅜" Drill $\$16^{95}$

All Four Drills U. L. Listed



¼" Variable Speed Drill $\$17^{95}$

⅜" Variable Speed Drill $\$23^{95}$

hopcraft Budget-Priced Homeowner Drills

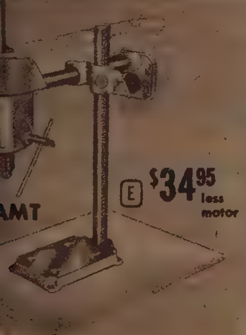
Model 9740 ¼" Drill. Basic drill for the home work-shop, with ¼" capacity in steel, ½" in hardwood. Fan-oled 2-amp motor operates at 2000 rpm; double-reduc-on gears; balanced armature. Less bit. 115 VAC.
C 1228. Shpg. wt., 4 lbs..............................12.95

Model 9748 ⅜" Drill. High-torque model for the tough jobs. Drills ⅜" steel, ¾" hardwood. 1000 rpm, 2-amp otor has double-reduction gears, oil-impregnated earings. Auxiliary handle. Less bit. 115 VAC.
C 1231. Shpg. wt., 4 lbs..............................16.95

Shopcraft Variable Speed Drills

C Model 9746 ¼" Drill. Sensitive trigger control lets you adjust speed to suit every job, from 0 to 2000 rpm. Fan-cooled 2-amp motor has double-reduction gears, dynamically balanced armature. Less bit. 115 VAC.
26 C 1230. Shpg. wt., 4 lbs..............................17.95

D Model 9756 ⅜" Drill. Heavy-duty, compact drill provides fingertip control of 0-1000 rpm speed. 2-amp motor, double-reduction gears, oil-impregnated bronze-type bearings, auxiliary handle. Less bit. 115 VAC.
26 C 1232. Shpg. wt., 4 lbs. *$5 Monthly*..........23.95



$\$34^{95}$ less motor

Radial Drill Press and Drill Stands

E AMT Model 253 32" Drill Press. Drills to center of 32" circle. Headstock adjusts to 15" vert., 16" horiz., tilts for angular drilling. Has depth indicator, spindle lock. Capacity, ½". Requires motor below. Shpg. wt., 32 lbs.
26 C 1219 X. *$5 Monthly*..............34.95
26 C 3274 X. Motor for Above. 17 lbs......22.95

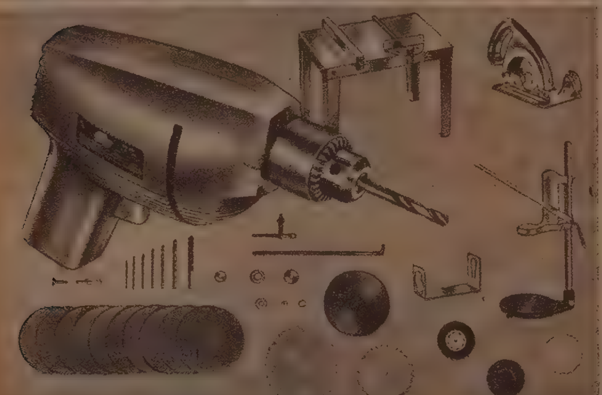
F Thor 580 Drill Stand. Converts electric drill to lever-operated drill press. Holds ¼" and ⅜" drills. 18" high, 3" max. feed, 3" chuck to column. Rack and pinion feed.
26 C 1226 X. Shpg. wt., 7 lbs............11.95

G Thor 585 Drill Stand. Heavy-duty model for ½" and ⅝" drills. Height, 20½"; max. feed, 2¾"; 6" chuck to column; 7½" sq. base.
26 C 1227 X. Wt., 15 lbs. *$5 Monthly*.....24.95

$\$11^{95}$

$\$24^{95}$

3/8" Drill Outfits for Home and Shop



Black & Decker 14-Piece Outfit

$19.99
$5 monthly

- Full-Capacity 3/8" Electric Drill
- Drills 3/8" Steel, 3/4" Hardwood
- Gray Custom-Molded Carrying Cas

Features Black & Decker Model U-124 3/8" dril with rugged double-reduction gears. 1000-rp (no load). 1/7-hp motor rated 2 amps. 8½" long Kit includes: wheel arbor, 3" coarse wire brush three 5" abrasive discs, 3 bits (1/8", 3/16" and 1/4") chuck key and holder, 3" cotton buffing wheel 5" rubber backing pad, luggage-look case. U.L Listed. For 115 VAC.

26 C 1278. Wt., 3¾ lbs. *$5 Monthly*......19.9

Thor 44-Pc. Variable-Speed Outfit

$39.95
$5 monthly

- Complete Workshop in One Outfi
- 3-Amp "Therm-O-Weld" Motor
- Precision Ball-Bearing Constructio

Gives you the versatility of a complete powe shop: drill press, circular saw, bench saw, an sander-buffer-grinder in one outfit. Includes: 3/ Thor Model 912VSC drill with continuousl variable speed from 0 to 1900 rpm; 7 drill bit (1/16 to 3/8"); 10 sanding discs; 5" rubber backin pad; 5" polishing bonnet; adapter hdwe.; 3" wir brush; horiz. mtg. stand; circular saw attach ment; 4½" saw blade; 3" grinding wheel; dri press stand; saw table; rip fence; miter; pain stirrer; chuck key. 6-ft. 3-wire cord, plug; 2-wir adapter. U.L. and C.S.A. Listed. For 117 VAC

26 C 2319 X. Wt., 20 lbs. *$5 Monthly*......39.9

5-Gallon
$26.95
$5 monthly

10-Gallon
$29.95

A
B
SHOP-VAC
SHOP-VAC
Big 2½" Dia. Hose

C
1¼" Accessory Kit

2½" Accessory Kit
D
Includes 14" Floor Nozzle
Vac-Cart with Accessory Bag
E

"Shop Vac" Vacuums

[A] 5-Gallon, 1-hp Model. Does the rough cleanu jobs that would ruin an ordinary vacuu cleaner. Hose has big 2½" diameter, compared t 1¼" for most home vacuums. 6" nozzle picks u sawdust, chips, sticks, stones. Attaches to powe tools for chip removal. Motor is located near to of drum—debris drops out of the air-flow patter to bottom of the drum, prevents debris from im peding vacuum's air-flow and efficiency. Easil emptied by unclamping top.

Carrying handle, 6-ft. hose, 1-hp motor. 2-wir cord. Drum finished in glossy gold enamel. 18 high, 12" dia. U.L. Listed. For 110-120 volts 50-60 Hz AC. Shpg. wt., 15½ lbs.

26 C 2515 X. *$5 Monthly*......26.9

[B] 10-Gallon, 1-hp Model. As above, with dru 19" high, 15" dia. Shpg. wt., 20 lbs.

26 C 3101 X. *$5 Monthly*......29.9

[C] 1¼" Accessory Kit. Includes 10" floor nozzle round brush, 5" nozzle, crevice tool, 6' hose two 20" extension tubes, oval nozzle and brush conversion coupler for Shop-Vac.

26 C 1250 X. Wt., 4 lbs......19.5

[D] 2½" Accessory Kit. Extra-long 14" floor nozzl with brush, two 23" extension handles, coup ler for other cleaners.

26 C 3103 X. Wt., 3 lbs......9.9

[E] Vac-Carts. Roll vacuum to the job; no stoop ing or lifting. With accessory bag.

26 C 1257 X. For 5-Gal. 6½ lbs......10.9
26 C 1258 X. For 10-Gal. 6½ lbs......10.9

Set of 4 Casters for Above Cleaners.

26 C 3104 X. For 5-Gal. 1¾ lbs......3.3
26 C 3105 X. For 10-Gal. 1¾ lbs......3.3

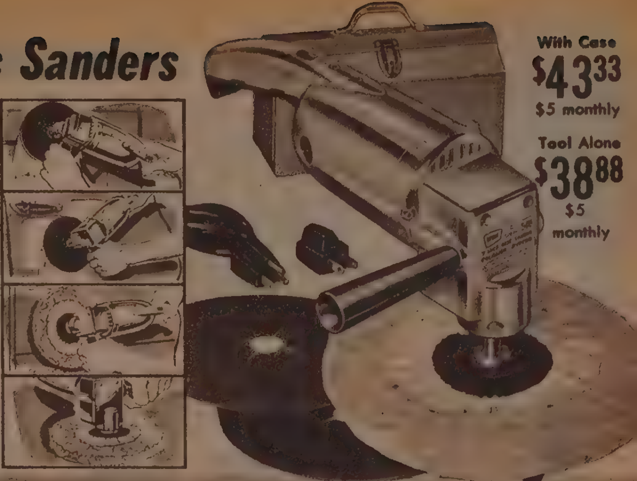
26 C 3636 X. 6' Hose Extension. 1½ lbs......6.9
26 C 3637. Crevice Tool. 8 oz......3.7
26 C 3638. Paper Filter Bags. 4 oz......**Pkg. 5/98**

Top-Value Electric Sanders

Wen 2-Speed 7" Sander/Polisher

Burnout-Proof ½-hp Dual-Speed Motor
Lightweight, Perfectly Balanced Design
Fast and Efficient Sanding, Polishing, Buffing

0. Oversize sanding discs do quick work on
etal, wood or plastic, give professional re-
:ts in automobile sanding, paint removal.
rge wool bonnets for waxing and polishing
ors, cars, furniture. Electronically switches
3400 rpm for sanding, 1800 rpm for polish-
; and buffing. Burnout-proof armature,
edle-point bearings, all-gear construction.
ıxiliary handle mounts on either side. ½-
, 6-amp motor. 14x6½x3½". U.L. and
S.A. Listed. 6', 3-wire cord. Two sanding
ics, polishing bonnet, steel case. 115 VAC.
C 0019 L2U. With Case. Wt., 12 lbs...43.33
C 2406. Sander Alone. 8½ lbs........38.88



With Case
$43^{33}
$5 monthly

Tool Alone
$38^{88}
$5 monthly

21^{88}
monthly

ack & Decker Orbital Finishing Sander

odel U-140. Features over 25 sq. in.
nding area. Takes 3⅝x9" sandpaper;
sy paper changing. 1/6 hp, 2.2 amp
otor operates at 4000 orbits per min-
e. Polished aluminum housing. U.L.
sted. For 115 VAC. Shpg. wt., 5½ lbs.
C 3649. *$5 Monthly*..........21.88

ast and
Easy to
Use

10^{95}

Wen In-Line Vibrator Sander

odel 310. For fast removal, smooth
nishing. Straight-line action of 7200
" strokes per minute with 26 sq. in.
nding area. Solid-state control. Quiet
d smooth—no whip or bounce. 7½x
⁄8x4¾". For 110-120 V, 50-60 Hz AC.
C 3644. Wt., 4 lbs..............10.95

AMT Belt and Disc Sander

1. Rugged belt sander operates horizon-
lly or vertically; unique track/tension
justment. Disc sander table tilts to 45°
rive spindle for ¼" tools. 115 VAC.
otor separately below. 17 lbs.
C 1282 X. *$5 Monthly*...........24.95
C 3274 X. G.E. Motor. For above. De-
lops full 1 hp. 1750 rpm. 110-120 V, 60
z AC. Shpg. wt., 17 lbs..........22.95

Save $10.00
Now $39^{99}

1-Speed
2-Speed

$59^{99}

Black & Decker Heavy-Duty 3x24" Belt Sanders

Model U-144 Was $49.99. Compact gear-driven sander goes into tight areas, gives smooth professional finish. Has ⅝ hp, 5.2 amp motor between pulleys—no tilting or rocking. Belt moves at 1200 sq. ft./minute for fast operation; 13.8 sq. ft. sanding area. Front controls for easy belt installation. For 115 VAC. Accepts dust bag at right. Shpg. wt., 10¾ lbs.
26 C 3645 X. *$5 Monthly*.....39.99

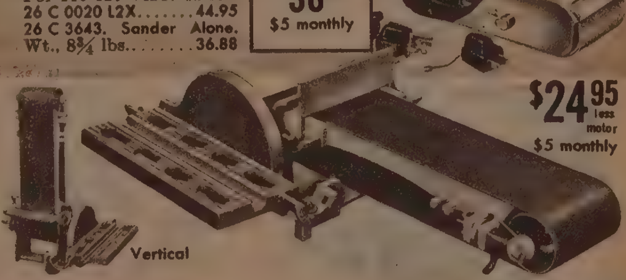
U-244 Two-Speed. Choose the right speed for every job—1250 sq. ft./minute for fast material removal, or 1050 sq. ft./minute for smoother finish. Has ¾ hp, 5.7 amp motor. For 115 VAC. Wt., 10¾ lbs.
26 C 3646 X. *$5 Monthly*.....59.99

Zippered Dust Bag and Housing. For U-144 and U-244 sanders. Powered by sander motor. Wt., 2 lbs.
26 C 3647..................6.95

Wen 3" Belt Sander

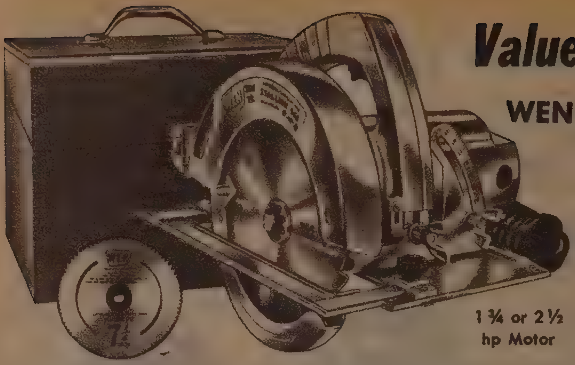
910. Handles the toughest sanding jobs with ease. Continuous 3" belt moves at 850 sq. ft./minute; can be changed in seconds. Powerful ⅓-hp, 4¼ amp motor is industrially rated. Air blast keeps dust away. 5¾x10½x5½". Includes 3 sanding belts, steel case. For 110-120 VAC. 12 lbs.
26 C 0020 L2X.........44.95
26 C 3643. Sander Alone. Wt., 8¾ lbs..........36.88

Includes 3 Belts
With Case
$44^{95}
$5 monthly
Tool Alone
$36^{88}
$5 monthly



$24^{95}
less motor
$5 monthly

Values in Circular Saws



WEN

1¾ or 2½ hp Motor

Model 960 1¾ hp	
With Case, 2 Blades	Saw Alone, 1 Blade
$\$46^{99}$	$\$36^{88}$
$5 monthly	$5 monthly

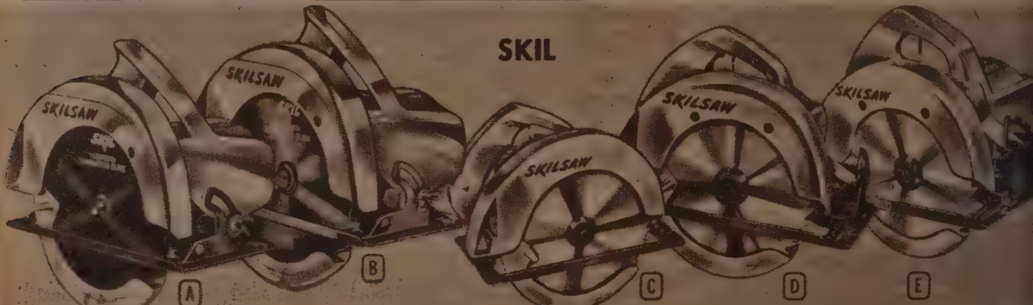
Model 1000 2½ hp	
With Case, 2 Blades	Saw Alone, 1 Blade
$\$59^{95}$	$\$49^{95}$
$5 monthly	$5 monthly

Builder's 7¼" Heavy-Duty Saws

Model 960. Extra-rugged saw takes on construc
tion and repair jobs. Powerful 1¾ hp, 10-am
motor gives no-load speed of 5200 rpm. Depth o
cut: to 2½" at 90°, 1⅞" at 45°. Lifetime-lubri
cated sleeve and needle bearings, heavy-duty pre
cision gears, heavy-gauge baseplate, chip ejecto
port. Depth and bevel controls, rip guide, remov
able shoe extension. For 110-120 V, 50-60 Hz AC
3-wire cord. With two 7¼" combination blade
wrench, steel case. U.L. Listed. Shpg. wt., 17 lbs
26 C 0023 L3X. With Case. *$5 Monthly*........46.9
26 C 2394 X. Saw Alone, 1 Blade. 15¼ lbs....36.8

Model 1000. Contractor's model, powerful enoug
for the toughest jobs. Has 2½ hp, 12-amp moto
with 5340 rpm no-load speed. All ball and needl
bearings, permanently lubricated. Extra-heav
chrome plated base plate, auxiliary knob. Dept
and bevel controls, rip guide, removable shoe ex
tension. 110-120 VAC. With two 7¼" combinatio
blades, wrench, steel case. U.L. Shpg. wt., 17 lb
26 C 0022 L3X. With Case. *$5 Monthly*........59.9
26 C 1433 X. Saw Alone, 1 Blade. 15½ lbs....49.9

SKIL



574—7¼" $\$29^{88}$ **537—7¼"** $\$42^{88}$ **554—8¼"** $\$89^{95}$ **553—7¼"** $\$79^{95}$ **552—6½"** $\$69^{9}$

Popular Homeowner's Skilsaws

[A] **Model 574 Super-Value 1½-HP 7¼" Saw.** Cuts even soft metal. Powerful 1½-hp burnout-protected motor (10 amps, 5200 rpm no-load speed). Cut depth, 2⅜" at 90°; 1⅞" at 45°. Safety-stop brushes, anti-friction bearings, Vari-Torque clutch, ejector. 9½" long. For 115 VAC. 3-wire cord. U.L. Blade, wrench, 12½ lbs.
26 C 3019 X. *$5 Monthly*..................29.88

[B] **Model 537 Heavy-Duty 7¼" Saw.** Develops over 1½ hp, 10 amps. Heavy-duty quadrant and ribbed shoe for rigidity, accuracy. Capacity: $\frac{1}{16}$" to 2⅜" at 90°; 1⅞" at 45°. No-load, 5200 rpm. Safety clutch; depth, bevel controls; ejector. For 115 VAC. 3-wire cord. With blade and wrench. U.L. Listed. Shpg. wt., 16¼ lbs.
26 C 1208 X. *$5 Monthly*..................42.88

Ball-Bearing Heavy-Duty Professional Skilsaws

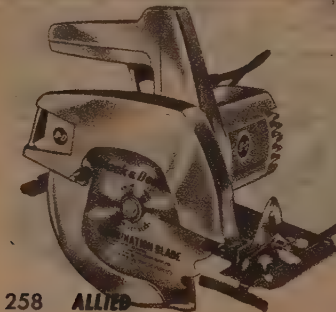
[C] **Model 554 8¼" Saw.** The most powerful saw in its class, for th
really tough building and repair jobs. Burnout-protected moto
develops over 2 hp, 13 amps. No-load, 5200 rpm. Extra-large blad
cuts 2⅞" at 90°, 2⅛" at 45°. Vari-Torque clutch protects blade
Sawdust ejector. 115 VAC. 3-wire cord. Blade, wrench.
26 C 1440 X. Shpg. wt., 17 lbs. *$5 Monthly*..................89.9

[D] **Model 553 7¼" Saw.** Dependable saw for everyday professiona
use. Over 2 hp, 12 amp motor; 5200 rpm no-load speed. Cuts 2⅜
at 90°, 1⅞" at 45°. Safety clutch; ejector. 115 VAC. Blade, wrench.
26 C 1442 X. Shpg. wt., 16 lbs. *$5 Monthly*..................79.9

[E] **Model 552 6½" Saw.** Powerful 10-amp motor develops over 1½ hp
Cuts $2\frac{3}{16}$" at 90°, 2" at 45°. No-load, 5800 rpm. Lightweight fo
easy handling, control—only 11¼ lbs. 115 VAC. Blade, wrench.
26 C 1443 X. Shpg. wt., 14 lbs. *$5 Monthly*..................69.9

26 C 1444. Fine-Tooth 7¼" Saw Blade. Wt., 1 lb....................3.9
26 C 1447. Plastic Saw Case. Wt., 2 lb.....................12.9

Black & Decker 7¼" Portable Saw Develops 1 Horsepower



With Blade

$\$27^{77}$

Save $2.22

WAS $29.99

Model U-130. Deluxe portable saw at a money-saving low price—was $29.99 last year! Perfect for the homeowner; tackles a variety of home repair and construction jobs with ease. Features an extra-wide non-binding telescoping blade guard. Takes either a 6½" or 7¼" blade (7¼" blade included). Sawdust ejector keeps work clear. Powerful 1 hp, 9-amp motor runs at 4400 rpm, no load—plenty of power for tough jobs. Cutting depth: 2⅜" at 90°, 1⅞" at 45°. Calibrated rip fence; bevel and depth adjustments. 3-wire cord. For 110-120 VAC. With 7¼" combination blade and wrench. U.L. Listed. Shpg. wt., 16 lbs.
26 C 3604 X. *$5 Monthly*..................27.77

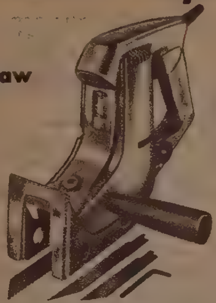
Equip Your Shop Now—Use Allied's Credit Fund Plan

Versatile Multi-Purpose Saws

SHOPMATE
riable Speed Blitz Saw

$\$44^{95}$ $5 monthly

- Dial Control for 800 to 2100 rpm
- Six Blade Positions
- Fast 1¼″ Stroke
- Built-In Lamp

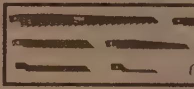


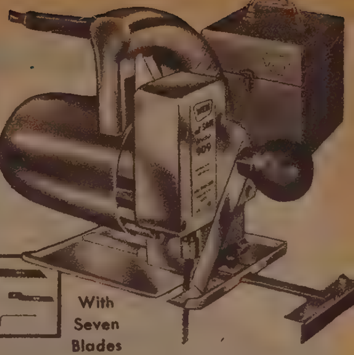
del 1816. Gives true flush cutting to both horizontal l vertical surfaces. Just dial any speed from 800 to 0 rpm, with six blade positions for every type of . Quick return cycle reciprocating action with 1¼″ oke. 6-amp motor. Lamp lights work area. Multi- l and bronze bearings. U.L. Listed. 115 VAC.
C 1419 X. Wt., 11 lbs. *$5 Monthly*..........44.95

WEN
2-Speed ½-hp
"All-Saw" Kit

Complete $\$41^{88}$ $5 monthly

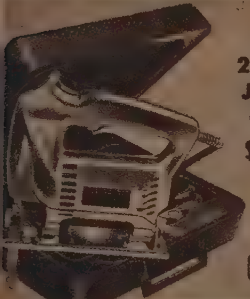
Less Case $\$36^{88}$ $5 monthly





With Seven Blades

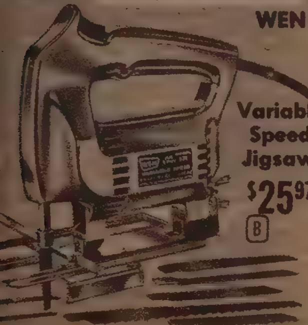
Model 909D. Fast-cutting ½-hp saw does the work of all other types. Cuts wood 6x6″s, metal to ½″ pipe to 2″. Makes its own starting hole—cuts straight, curved or angles. Powerful 6-amp motor gives 3400 or 2400 one-inch strokes/minute. Fan keeps guide clean. Includes rip fence, circle guide. With 7 blades for all types of cutting. U.L. Listed. For 115 VAC.
26 C 0024 L2X. With Steel Case. 10 lbs. *$5 Monthly*.........41.88
26 C 2373 X. Saw Alone. With 7 blades. 9 lbs..............36.88



WEN
2-Speed Jigsaw Outfit
$\$29^{97}$

A

Outfit ncludes eel Case Blades



WEN
Variable Speed Jigsaw
$\$25^{97}$

B

Wen Versatile Jigsaw Outfits

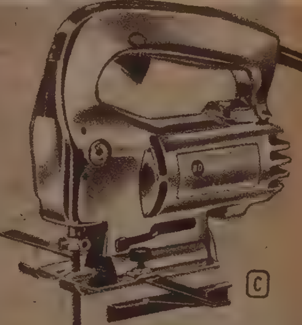
A **511 2-Speed Jigsaw.** Just flick the switch to Lo for starting, cutting metal; again to Hi for fast cutting in wood, plastic, etc. Cuts 6″ logs, 6x6″s, 4x4's at 45°; metals to ½″; pipe to 2″. Starts its own inside cut. Large adjustable shoe for stability. ½ hp, 4-amp motor; 2400 or 2800 one-inch strokes/minute. U.L. 115 VAC. With 7 blades.
26 C 0021 L2X. With Case. 6½ lbs. 29.97
26 C 1420 X. Less Case. 5 lbs.......26.97

B **521 Variable Speed Jigsaw.** Thumb control gives exact speed and torque needed for every job, from 0 to 2800 one-inch strokes/minute. Rugged ½ hp motor, adjustable shoe. Cuts 6x6, metal to ½″. 2″ pipe. U.L. 115 VAC. 7 blades.
26 C 1426 X. Wt., 5 lbs. *$5 Mo*....25.97

Black & Decker Jigsaws

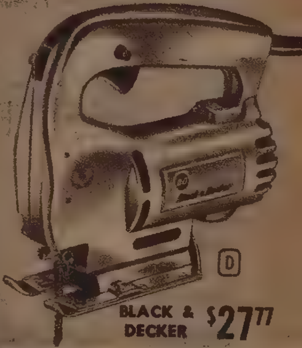
C **U-256 Super Deluxe 3-Speed Jigsaw.** Choose 3000 strokes/minute for wood, 2500 for soft metal, 2250 for plastic, hard metal. Cuts 1″ hardwood, 2″ softwood. ¼-hp, 2.5-amp motor; ⅝″ stroke. Bevel adjustment, shoe insert, rip fence, circle cutter. 115 VAC. With 4 blades. U.L. Shpg. wt., 5¾ lbs.
26 C 3157 X. *$5 Monthly*...........39.99

D **U-255 S Deluxe 2-Speed Jigsaw.** Versatile saw operates at Hi speed of 3000 strokes/minute for wood, Low of 2500 for soft metal. Cuts 1″ hardwood, 2″ softwood. Rugged ¼ hp, 2.5-amp motor. Stroke length, ⅝″. Includes two woodcutting blades, blade pouch. 115 VAC. U.L. Shpg. wt., 5¾ lbs.
26 C 3606. *$5 Monthly*............27.77



C

BLACK & DECKER $\$39^{99}$

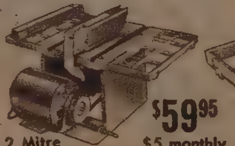


D

BLACK & DECKER $\$27^{77}$

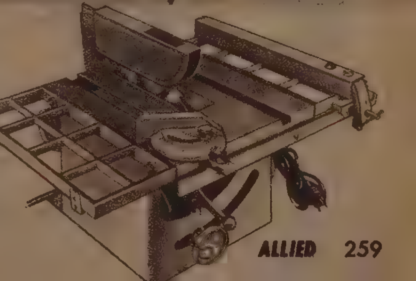
AMT Precision 8″ Tilt Arbor Saw with 1-hp Motor

odel 2164. Amazingly versatile—crossts, rips, bevels, mitres; cuts compound gles; makes dadoes, mouldings, coves. olid-ground 10½x13″ cast iron table has precision mitre gauge slots. Cuts to 2¼″ pth; blade tilts to 45°. Ball and sintered onze bearings. Motor, blade, rip fence, ade guard. 10″ extensions. 115 VAC.
C 1430 U. Wt., 38 lbs. *$5 Monthly*..59.95



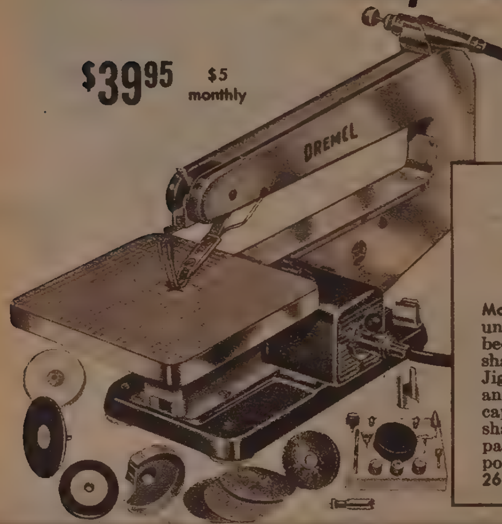
2 Mitre Slots

$\$59^{95}$ $5 monthly



llied Has the Most Up-to-Date Stock of Power Tools

Power Workshop and Paint Sprayer Outfits



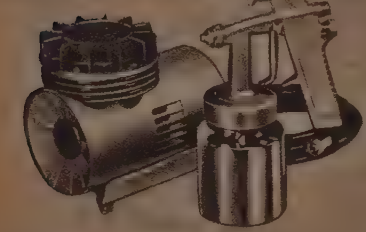
$\$39^{95}$ $5 monthly

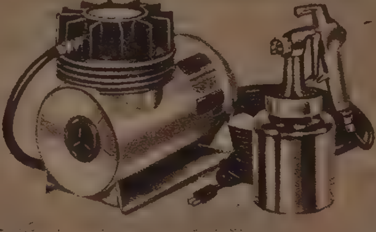
Carving
Routing
Deburring
Sawing
Polishing

Dremel Moto-Shop Power Workshop

- 5 Multi-Purpose Power Tools in One Machine
- Powerful Ball-Bearing 3450-rpm Rotary Motor
- Power Takeoff
- With All Attachments

Model 57. Versatile Moto-Shop operates five different tools with unique power takeoff. With attachments connected, 15" jigsaw becomes disc sander, bench grinder, buffing wheel or flexible shaft machine. Powered by ball-bearing 3450-rpm rotary motor. Jigsaw has 4 blades, each adapts in 3 directions. Table tilts for angle cuts. Lightweight flexible-shaft handpiece has $\frac{1}{64}$ to $\frac{1}{8}$" capacity. With finger guard, 12 bits for drilling, grinding, routing, sharpening, deburring, carving. Attachments: rubber backing pad, 3 sanding discs, grinder, buffer, wire brush, wheel guard, polishing stick. U.L. Listed. For 110-120 V, 60 Hz AC.
26 C 1834 X. Shpg. wt., 17 lbs. *$5 Monthly*. 39.95





"Compact" Spray Outfit

$\$34^{95}$ $5 monthly

- Fan-Nozzled Spray Gun
- Gives Perfect Results

Internal mix gun sprays enamel, flat, oil and water-base paint, varnish, household liquids. Pint cup, adjustable trigger, 8' detachable hose. Oil-free compressor has heat-resisting diaphragm, replaceable air filter. Quiet; never needs oiling. Direct-drive motor. Air delivery 1.1 cfm. U.L. Listed. 115 V, 60 Hz AC. 17 lbs.
26 C 2363 X. *$5 Monthly*. 34.95

Deluxe ⅓-hp Sprayer Outfit

$\$59^{95}$ $5 monthly

- Internal or External Mix
- Oil-Less Compressor

Sprays all paints, lacquers, enamels, household liquids. 1-quart cup, internal and external-mix nozzles. Oil-less compressor has 1000-hour diaphragm, sealed ball bearings, removable air filter, safety valve. Siphon or pressure feed. Air delivery, 2½ cfm. Lifetime-lubricated; 15' hose. U.L. Listed. 115 V, 60 Hz AC. 30 lbs.
26 C 3100 X. *$5 Monthly*. 59.95

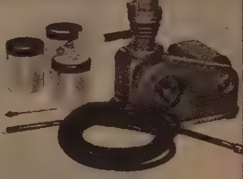
"Bantam 205" Spray Outfit

$\$24^{95}$ $5 monthly

- Economy Sprayer for All Household Uses

Compact household sprayer can b used for insecticides, carpet cleaning mothproofing, as well as painting Lightweight, easy-to-use. Reliable oil less piston operation with portabl compressor only 7" long. Internal mi gun holds 16 oz. of all lightweight spray materials. For 115 V, 60 Hz AC. Shpg wt., 12 lbs.
26 C 3640 X. *$5 Monthly*. 24.9

Hobbyist Air Brush Sprayer



$\$24^{95}$ $5 monthly

Perfect tool for shading, silhouetting, stencils, touch-up. Ideal for hobby and model use, ceramics, sign painting. Includes compressor with air hose, shading brush with 2 nozzles, paint storage jars. For 110-120 VAC. Shpg. wt., 8¼ lbs.
26 C 3639 X. *$5 Monthly*. 24.95

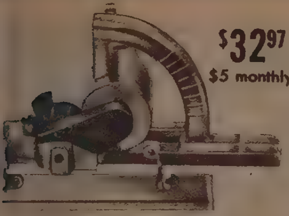
BVI Electric Paint Sprayer

$\$17^{95}$ **Complete Spray Kit**

Model VS-868. Airless sprayer gives easy, professional results. Just plug in to spray paint, enamel, varnish, lacquer, insecticides, chemicals. Built-in pump and motor, sapphire nozzle, 24-oz. glass jar. Cleans and lubricates itself. 6' cord. Kit includes fan-spray nozzle, viscosity cup for thinning paint. For 115 VAC.
26 C 1009. Wt., 6 lbs. 17.95
26 C 1018. Airless Paint Sprayer Alone. Shpg. wt., 4½ lbs. 13.95

Equip Your Shop Now by Using Your Allied Credit Fun

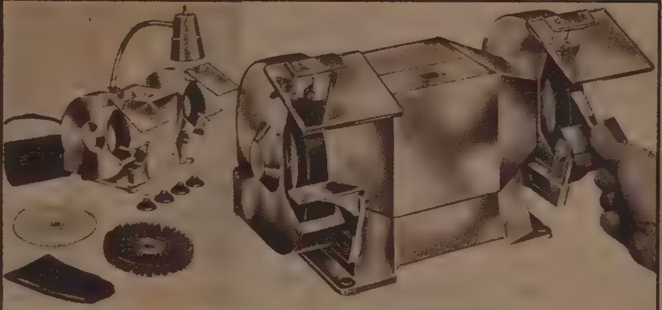
Electric Power Tools for Home or Shop



$32.97
$5 monthly

n Heavy-Duty Power Planer

iel 930. For professional, precision es, surfaces and miters. Burnout-of, 6-amp motor delivers ½ hp. o replaceable cutters are separately ustable; cut path to 2⅛" wide, deep. Miter guide adjusts to 45°; oves for surface planing. 16" shoe flatter, more accurate work. No-d, 14,500 rpm. Airstream chip tor for neater job. Size, 7½x7x16". . and C.S.A. Listed. For 110-120 C. Shpg. wt., 9¾ lbs.
2091 X. *$5 Monthly*..........32.97



$44.95
$5 monthly
Grinder With All Accessories

$39.95
$5 monthly
Grinder Alone

Wen 6-inch Ball-Bearing Electric Bench Grinder Outfit

Model 1030. Heavy-duty bench grinder has power to spare for the toughest jobs. Shaded-pole 8.5-amp motor develops ⅓ hp, turning the twin 6" balanced wheels at 3450 rpm. Quiet and smooth running, with heavy-duty precision ball bearing construction. Adjustable tool rests are calibrated for precision work, with groove to hold bits at proper sharpening angle. Adjustable eye shields and spark arrestors. Cast aluminum housing has "Ball-Brite" finish, enclosed wheel guards. Kit includes: 36-grit coarse and 60-grit fine grinding wheels; wire wheel; buffing wheel; suction cup feet; two dust bags; lamp. Size, 15x5¾x9½". For 110-120 VAC. Has 6-ft. 3-wire cord. Shpg. wt., 20 lbs.
26 C 1058 X. Complete Kit. *$5 Monthly*..........44.95
26 C 1059 X. Grinder Alone. With coarse, fine wheels. 16 lbs..........39.95

Complete
$49.99
$5 monthly

Rockwell Router Outfit

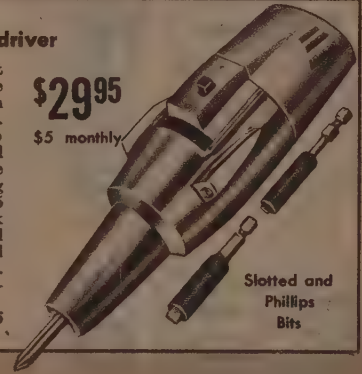
- Double Insulated for Safety
- ½-hp Full Ball Bearing Motor

del 645. Compact, lightweight, with ge dual knobs for positive control. signed for safety and endurance, h ½-hp, 28,000 rpm motor; depth trol; ¼" collet. With bit for ting, grooving, bit for corner rout-, bit for rabbeting or step-cutting, ustable edge guide, instruction k on router uses. 115 V, 60 Hz AC. ., 10 lbs.
C 1052 X. *$5 Monthly*........49.99

Shopmate Electric Screwdriver

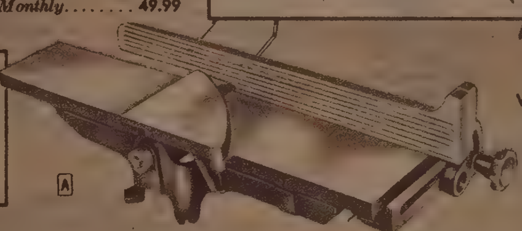
Model 1895. Zips screws in or out with ease, using high-torque 100:1 gear reduction. Drives both slotted and Phillips head screws. Fan-cooled "Lifeweld" 3-amp motor with clutch action. Ball thrust and self-lubricating bronze bearings. On-off and reversing switches. No-load speed, 325 rpm. Accepts any ¼" hex shank bit. 8½" long. Includes 2 slotted bits with "head finders" and Phillips bit. 3-wire cord, plug. U.L. Listed. For 110-120 V, 25-60 Hz AC. Shpg. wt., 3¼ lbs.
26 C 1200. *$5 Monthly*.....29.95

$29.95
$5 monthly



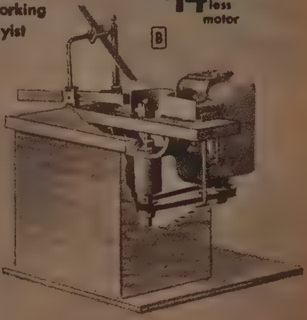
Slotted and Phillips Bits

With 3 High-Speed Knives
29.95
less motor
$5 monthly



For the Woodworking Hobbyist

$14.95
less motor



AMT 4-inch Jointer-Planer

del 2432. Makes accurate glue joints, bet cuts to ⅜", taper and bevel cuts. cision ground table adjusts for cut th; fence adjusts to 50°. Balanced ds, 3 high-speed knives. Order motor ow. 22" long.
C 1057 X. 19 lbs. *$5 Monthly*...29.95
C 3274 X. AC Motor. 17 lbs......22.95

B AMT Spindle Shaper Kit

Model 252. Makes decorator edges, beads, coves, moldings, tongue-in-groove joints, etc. Fully adjustable; takes ½" bore cutters. Sealed ball bearings. With plans for construction of wood table and base. Order motor below.
26 C 1056 X. Shpg. wt., 9 lbs......14.95
26 C 3274 X. AC Motor. Wt., 17 lbs. 22.95

Turner Gas Welding Outfits for Home and Shop

Professionally-Rated Welding Outfit
$97^{50}
$5 monthly

$109^{95}
$6 monthly
Professional
Heavy-Duty Ou

Oxyacetylene/Propane Welding Outfit

For expert welding, cutting, brazing, soldering or heating. Welds metal to ¼" thick; cuts metal to 1" thick. Professionally rated, single-stage outfit includes: torch handle and mixer assembly; oxygen regulator; acetylene or propane regulator; three welding tips—Nos. 1, 5, 8; cutting attachment and tip; goggles; spark lighter; 20-ft. of hose; fittings and adapters. Needs only oxygen and acetylene or propane cylinder.
26 C 1450 X. Shpg. wt., 20 lbs. *$5 Monthly*.............97.50

New! Heavy-Duty Welding/Cutting Outf

Specially designed for heavy-duty welding, cutti
brazing. Professionally rated. Welds metal to 1", cuts
2". Includes: torch handle and mixer assembly; oxy
regulator; regulator for acetylene or propane; 3 weld
tips; cutting attachment and tip; goggles; spark light
20-ft. of hose; fittings and adapters. Needs o
oxygen and acetylene or propane cylinder.
26 C 1454 X. Shpg. wt., 22 lbs. *$6 Monthly*.....109

Trindl Arc-Welding Outfits with Continuous Duty Cycle

$139^{95}

- Welds Metal Up to 1-inch Thick
- 60 Primary Amps
- 79% Power Factor
- 16 Instant-Heat Stages to 180 Amps

Heavy-Duty 180-Amp Outfit

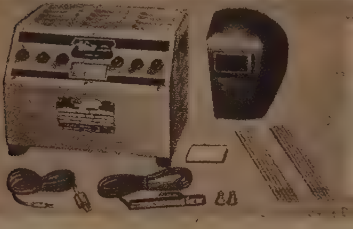
180A-3C7. Our finest industrial welder giv
outstanding performance for auto, shop, a
farm use. Features heavy-duty transformer a
extra-stable arc of 25-30 arc volts. Welds met
up to 1-inch thick, handles welding rods $\frac{5}{64}$"
$\frac{3}{16}$". Has 16 instant-heat stages for a wi
variety of applications. Dual-coil design; spec
insulation. Continuous operation with 30% du
cycle. Includes head shield; electrode holde
electrodes; welding, ground, power cable
ground clamp; 3-prong plugs; instructions. $25^{3}/$
16x11½". For 110/230 V. 50-60 Hz AC. Shp
wt., 90 lbs.
26 C 3635 Z. *$7 Monthly*..............139.

$119^{95}

- Welds Metal Up to ½-inch Thick
- 35 Primary Amps
- 16 Instant Heat Stages to 125 Amps

Heavy-Duty 125-Amp Outfit

125A-11A5. Heavy-duty outfit for fast producti
and maintenance work. Dual-head constructio
Has continuous manual duty cycle. Handles
to $\frac{5}{32}$" rods on metal to ½" thick. Offers
instant-heat stages from 20 to 125 amps. 75
power factor. Includes head shield; weldin
ground and power cables; assorted electrode
electrode holder; ground clamp; 3-prong plug
easy-to-follow instructions. 25 to 30 arc volt
Welded metal cabinet in gray heat-resista
enamel, 12¼x16x11½". For 110-120 V, 50-60 H
AC. Shpg. wt., 82 lbs.
26 C 1115 Z. *$6 Monthly*..................119.



$79^{95}

- Welds Metal Up to ¼-inch Thick
- 29 Primary Amps
- 80% Power Factor

Complete 80-Amp Welding Outfit

80A-11A4. Portable, industrial-type outfit wi
dual coil design. Continuous duty. Handles
to $\frac{3}{32}$" rods on metal up to ¼" thick. Has 9 he
stages from 20 to 80 amps. 25 arc volts.
primary amps with 80% power factor. Includ
head shield; ground, power, welding cable
electrode holder; assorted electrodes; groun
clamp; 3-prong plugs; instr. Welded gray met
cabinet, 9¼x12½x9¼". 115 V. 50-60 Hz A
26 C 1116 U. Wt., 39 lbs. *$5 Monthly*.......79.

26 C 1576 X. D-17 Carbon Arc Torch. Maintai
9000°F arc. For all models. Wt., 4 lbs.....24.

Weller Soldering Tools and Soldering Gun Kits

Model
D550K
$11.60
D-440
Gun
$9.15
Model
8200 PK
$6.95

Dual-Heat Soldering Kit

eller D550PK. Heavy-duty kit in-des: 240/325 dual-watt solder-gun; 3 tips—soldering, cutting, oothing; case; wrench; solder; tructions. 2 trigger positions ovide 2 temperatures; switch in-ntly selects heat suited for job. pper tips, dual spotlights. U.L. ted. 117 V, 60 Hz AC.
C 2057. Wt., 5½ lbs. 11.60
C 1496. D550 Solder Gun Alone.
pg. wt., 4 lbs. 9.95

Medium-Duty Gun

Weller Model D-440. Convenient trigger selects either 145 or 210 watts—you choose the proper heat required for the job. Almost instant warmup of tip makes it perfect for a wide variety of uses—no waiting for the tip to heat. Dual pre-focused spotlights. Includes efficient, long-life copper tip. U.L. Listed. For 110-120 V, 60 Hz AC. Shpg. wt., 3 lbs.
26 C 1497 . . . . 9.15

Dual-Heat Soldering Kit

Weller 8200 PK. Economical soldering kit provides everything you need for fast and easy soldering. Includes: 100/140-watt dual-heat "Expert" soldering gun; hi-impact plastic case; three (2 spare) soldering tips; wrench; brush; solder-aid tool; solder; instructions. Compact, balanced gun. Copper tips for high heat transfer. Spotlight illuminates work. U.L. Listed. For 110-120 V, 60 Hz AC. Shpg. wt., 2½ lbs.
26 C 2059 . . . . 6.95
26 C 2058. 8200 Gun Alone. 2 lbs. 5.95

Veller Tips and Accessories

ersatile Accessory Tips. 3 oz.

ock No.	Type	Descrip.	For Models	EA.
C 1516	6110	Cutting	WS-100, WD-135, S-400, D-440	.50
C 1517	6120	Smoothing	8100 (B), 8200	.50
C 1518	6130	Cutting	WS-200, S-500	.50
C 1521	6140	Smoothing	D-550, 8250A	.50

eplacement Tips. 2 per pkg. 3 oz.

ock No.	Type	Use With Models	PKG.
C 1476	7135	WS-100, WD-135, S-400, D-440, 8200	.50
C 1475	7250	WS-200, WD-250, S-500, D-550, 8250A	.50
C 1477	7300	S-107, D-207. Not interchangeable with above.	.50
C 1209	8125	8100B, 8200	.50

placement Parts. Type 7325 and 17 are nuts for connecting tips to n. 7324 is trigger switch. 3 oz.

ock No.	Type	Use With Models	EACH
C 1491	7325	D-440, S-440, 8100, 8100B, 8200	.20
C 1494	7417	D-550, S-500, 8250A	.20
C 1493	7324	All Dual-heat types	1.20

Wen Replacement Tips

r Models 450 and 222. Light duty, -100W; medium 100-200W; heavy, 0-450W. *For Model 450 only. 2 oz.

tock No.	Type	Tip	EA.
6 C 2675	45F7	Light-duty	.98
6 C 2676	45M7	Medium-duty	.98
6 C 2677	45A7	Heavy-duty*	.98
6 C 2678	45P57	Smoothing	.45
6 C 2679	45S7	Cutting	.45

r Model 75. Av. shpg. wt., 4 oz.

6 C 2029	75A7	Standard solder	.70
6 C 2031	75B7	Fine point	.70

Wen Soldering Guns and Kits

Wen 25 to 450-Watt Soldering Kit

$11.72

WEN
SOLDERING GUN
MODEL 450

Model 450K4. Economical, multipurpose solder kit. Features gun with Automatic Thermal Regulation for more heat-power on less current; three tips—25-100 watt, 100-200 watt, 200-450 watt; solder; shock-resistant case. Spotlight. 11" long with tip. 115 VAC.
26 C 3267. Wt., 5 lbs. 11.72
26 C 2674. Model 450 Gun Alone. With 45A7 tip. Wt., 3 lbs. . . 9.97

$8.79
With "ATR"
$4.17

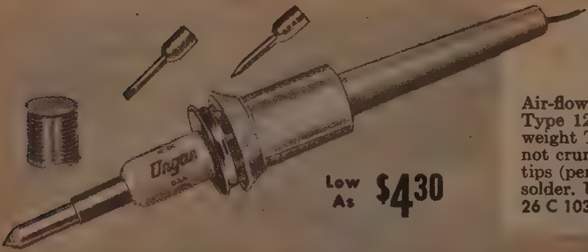
Low-Cost Soldering Pistol

Model 75. Gives heat of 100-watt device from peak surge of only 50 watts and normal draw of 30 watts—automatically. Instant heat. Heavy copper tip for repeated dressing down. Spotlight; single set-screw for tip. With std. tip. U.L. and C.S.A. Listed. For 110-120 VAC.
26 C 2479. Wt., 1¼ lbs. 4.17

Dual-Heat Soldering Kit

Model 222K5. Instant heat. Automatic Thermal Regulation. Two heat ranges depending on tip: 25-100 or 100-200 watts with tips included. Also has smoothing and cutting tips. Focused spotlight; 9¼". U.L. and C.S.A. Listed. 115 VAC. Wt., 4 lbs.
26 C 1023 . . . . 8.79
26 C 1022. Gun Alone. 2¼ lbs. . . 5.83

Ungar® "Standard Line" Soldering Tools



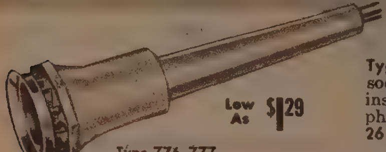
Low As $4.30

7070 "Technicians" Soldering Kit

Features Type 1237 High-Heating Unit and 777 Pastel-Colored Handle

Air-flow construction provides cooler grip. Kit contains: Type 1237 heating unit (37½ watts, 750-800° F.); lightweight Type 777 pastel-colored polypropylene handle (will not crumble or dust); 3 interchangeable, thread-on copper tips (pencil, chisel and pyramid); spool of 60/40 resin core solder. U.L. Listed. For 117 VAC. 1 lb.

26 C 1036 1-5........Each 4.59 6-Up........Each 4.30



Low As $1.29

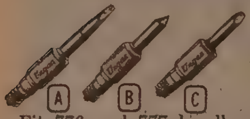
Type 776, 777 Handles

Balanced Fatigue-Free 776 and 777 Handles with Cord

Type 776 Handle. Accepts variety of thread-in elements and tips. Spring socket holds tip firmly—can't wobble or give. Ceramic and glass internal insulation. Stainless steel deflector. Cork grip and thermo-stabilized 5' phenolic body; vinyl-covered cord. U.L. Listed. Order element and tip, below. 26 C 1304. Shpg. wt., 4 oz. 1-9........Each 1.55 10-Up........Each 1.29

Type 777 Handle. Same as 776 above, but made of pastel-colored phenolic. Heat stabilized octagon-shaped grip is convection cooled. U.L. Listed. 26 C 1029. Shpg. wt., 4 oz. 1-9........Each 1.76 10-Up........Each 1.47

Elements with Tips

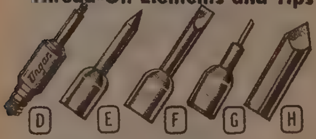


For 776 and 777 Handles

Fit 776 and 777 handles. 533, 536, 539, 1233, copper alloy tip; 1236 and 1239, silver-plated iron; 4033, 4036, 4039, silver-plated iron-clad copper alloy. U.L. Listed. 115 V, AC-DC. 2 oz.

Stock No.	Type	Fig.	Tip	EA.
23½ WATTS—650-700° F.				
26 C 1400	533	A	Chisel, 1⅝x3⁄16"	1.44
26 C 1478	536	B	Pyramid, 1⅛x5⁄16"	1.44
26 C 1479	539	C	Chisel, 1⅛x3⁄16"	1.44
37½ WATTS—750-800° F.				
26 C 1401	1233	A	Chisel, 1⅝x¼"	1.80
26 C 1480	1236	B	Pyramid, 1⅛x5⁄16"	1.80
26 C 1481	1239	C	Chisel, 1⅛x⅜"	1.80
47½ WATTS—850-1000° F.				
26 C 1498	4033	A	Chisel, 1⅝x¼"	2.97
26 C 1499	4036	B	Pyramid, 1⅛x⅜"	2.97
26 C 1500	4039	C	Chisel, 1⅛x⅜"	2.97

Thread-On Elements and Tips



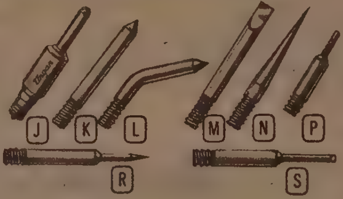
D **THREAD-ON ELEMENTS.** For 100 series thread-on tips. Nickel-plated copper alloy. For 110-120 V, AC-DC. Shpg. wt., 2 oz.

Stock No.	Type	Temp.	Watts	EA.
26 C 1403	4037	850-900°F	47½	2.97
26 C 1402	1237	750-800°F	37½	1.99
26 C 1593	537	600-650°F	23½	1.66

SERIES 100 THREAD-ON TIPS. For 537, 4037 or 1237 elements. ¾" long. Silver-clad copper alloy tips, except *unplated. 2 oz.

Stock No.	Type	Fig.	Description	EA.
26 C 1404	PL-111	E	pencil	.75
26 C 1406	111*	E	pencil	.37
26 C 1405	PL-113	F	chisel	.75
26 C 1407	113*	F	chisel	.37
26 C 1040	PL-114	G	micro-spade	.75
26 C 1041	PL-116	H	pyramid	.75
26 C 1048	116*	H	pyramid	.37

Thread-In Elements, Tiplets



J **THREAD-IN ELEMENTS.** For Tiplets. Fit 776 and 777 handles. 535, 1235, 4035 fit ⅛" Tiplets; 4045 fits 3⁄16" Tiplets and tips. 4 oz.

Stock No.	Type	Tip Temp.	Watts	EA.
26 C 1482	535	600-650°F	23½	1.44
26 C 1488	1235	700-750°F	37½	1.80
26 C 1490	4035	800-850°F	47½	2.97
26 C 1105	4045	800-850°F	47½	2.97

Series 300 ⅛" O.D. Tiplets

For subminiature work. Thread into 535, 1235, 4035 elements (above) Silver-plated; iron-clad copper alloy tips, except *unplated copper. 1" long, except PL-332 and 332, 1¼"; PL-340, ⅝". PL-338, 7154, 7155 have 1⁄16" point; PL-340, 3⁄64" point. 7154, 7155 are Stepped Tiplets. 2 oz.

Stock No.	Type	Fig.	Description	EA.
26 C 1469	PL-331	K	Pencil	.57
26 C 1483	331*	K	Pencil	.23
26 C 1470	PL-332	L	Offset pencil	.57
26 C 1484	332*	L	Offset pencil	.23
26 C 1471	PL-333	M	Chisel	.57
26 C 1485	333*	M	Chisel	.23
26 C 1101	PL-338	N	Tapered needle	.57
26 C 1409	PL-340	P	Micro-spade	.57
26 C 1755	7154	R	Stepped pencil	.57
26 C 2068	7155	S	Stepped chisel	.57

Series 800 3⁄16" O.D. Tiplets

As above, but with 3⁄16" shanks. Use with 4045 element, above. Iron-plated except *unplated. 1" long except PL-833 and 834. 1¾" long taper. 2 oz.

26 C 1410	PL-823	....	Pyramid	.65
26 C 2023	823*	....	Pyramid	.25
26 C 1411	PL-824	M	Chisel	.65
26 C 2024	824*	M	Chisel	.25
26 C 1412	PL-833	M	Chisel	.95
26 C 1413	PL-834	L	Offset chisel	.95

⅛" Micro-Miniature Tips

For microscopic soldering, assembly. Fit thread-in elements, left. 1 oz.

26 C 3089. Type 7012 Copper .005" Tip. 1-9......Each .57 10-Up....Each .47

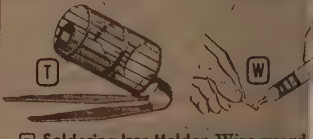
26 C 3090. Type 7062 Iron-Clad Silver-Plated Copper .010" Tip. Wt., 1 oz. 1-9......Each 1.11 10-Up....Each .90

Desoldering Tip for Integrated Circuits

$1.65

859 IC Desoldering Tip

Removes 14 and 16-pin dual inline ICs. Chrome plated, pretinned tip. Use with 4045 element. 26 C 2075. Shpg. wt., 2 oz....1.65

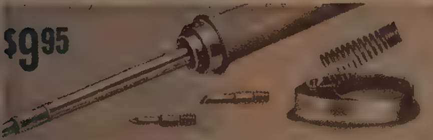


T **Soldering Iron Holder.** Wire guard protects user from burns, also protects iron. Mounts on any bench or wall. Adjust angle. 8 oz.
26 C 1606. For Standard Line. 1.96
26 C 1702. For Imperial Irons. 1.96

W **Type 8001 Anti-Seize Compound.** Prevents tip from "freezing" to element, lubricates threads. Reduces seizure and corrosion. ½-oz. tube. Shpg. wt., 3 oz.
26 C 1356 61

ngar® “Imperial” Components for Custom Irons

$9.95

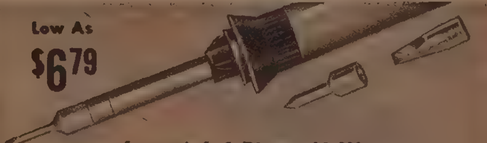


Soldering Kit for Micro-Miniature Components

del 6900. A perfect workbench combination for sol-ing micro-electronic circuitry. It's like working h a fine ball-point pen. Ideally suited for hair-n wire, micro-resistors, capacitors and diodes. th turquoise handle, two-wire cord, 10-watt heat sule, three soldering tips, iron holder, and cleaning nge. For 110-120 V, 60 Hz AC.
C 1570. Shpg. wt., 10 oz......................9.95

Low As

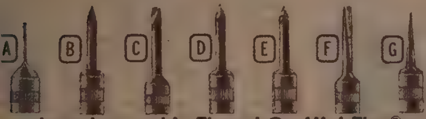
$6.79



Imperial 6-Piece 40-Watt Soldering Kit

Model 6010. Meets the increasing need for efficiency in the modern electronics industry. Combines ease of operation and dependability in attractive, lightweight package. Handles like a pencil. Kit contains: 40-watt cartridge; 3 Mini-tips (long taper chisel, pyramid, micro-chisel); Imperial Handle; 2-wire cord. U.L. Listed. For 110-120 V, AC-DC. Shpg. wt., 8 oz.
26 C 1053. 1-5......Each 6.98 6-Up.......Each 6.79

Select Your Own Imperial Handles, Cords, Elements, Tips



Interchangeable Thread-On Mini-Tips®

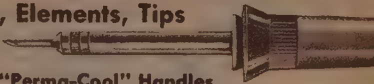
r below. *24-kt. gold plated, iron-clad; †copper. 2 oz.

Stock No.	Mfr's. Type	Fig.	Description	Size	EACH 1-9	EACH 10-Up
C 1625	6304	A	*Micro-chisel	3/64x1/2"	1.03	.86
C 1627	6312	B	†Pencil	1/8x3/4"	.46	.39
C 1631	6318	C	†Long taper chisel	1/8x3/4"	.46	.39
C 1632	6319	C	*Long taper chisel	1/8x3/4"	1.03	.86
C 1633	6324	D	†Long taper pyramid	1/8x3/4"	.46	.39
C 1634	6325	E	*Long taper pyramid	1/8x3/4"	1.03	.86
C 1636	6331	F	*Screwdriver	1/8x3/4"	1.03	.86
C 1637	6333	G	*Needle	1/8x3/4"	1.03	.86
C 1050	6520	.....	†100-w. cart. chisel	1½x1½"	1.22	1.03

“Long-Life” Heat Cartridges (Not illus.)

ainless Steel. U.L. Listed. For 115 V, AC-DC. 1 oz.

tock No.	Type	Watts	1-9, EACH	10-Up, EACH
6 C 1049	6207	100	6.56	5.25
6 C 2025	6203	60	4.53	3.88
6 C 1622	6200	40	3.93	3.31
6 C 1623	6201	30	3.93	3.31
6 C 1624	6202	25	3.93	3.31



“Perma-Cool” Handles

Type 6100. Functional handles weigh only 1 oz. Fit heat cartridges, below at left. Double cushion of air and five heat-transition surfaces for cool operation. Made of polycarbonate resin, have die-cast aluminum heat sink. 4.7" long; 0.8" diameter at grip. Shpg. wt., 2 oz.

Stock No.	Color	EACH 1-9	EACH 10-Up
26 C 1616	Beige	1.47	1.23
26 C 1617	Ivory	1.47	1.23
26 C 1618	Turquoise	1.47	1.23
26 C 1579	Black	1.47	1.23

Plug-In Power Cords

Type 6102. Vinyl-covered 2 or 3-wire power cords for Imperial handles. Choice of 4 colors to match handles above. Molded-on female connector, positive slip-on action, and snap-lock. Polyvinylchloride installation on both wire and plug. 18-gauge wire; each conductor 65 strands .005 wire. U.L. Listed. For 115 V, AC-DC. Wt., 3 oz.

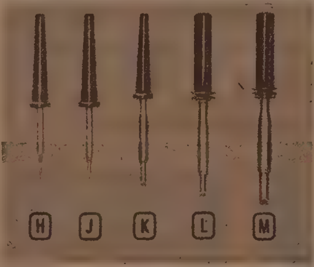
Color	Stock No.	2-Wire, EACH 1-9	2-Wire, EACH 10-Up	Stock No.	3-Wire, EACH 1-9	3-Wire, EACH 10-Up
Beige	26 C 1683	2.10	1.77	26 C 1685	3.12	2.63
Ivory	26 C 1684	2.10	1.77	26 C 1686	3.12	2.63
Turquoise	26 C 1619	2.10	1.77	26 C 1620	3.12	2.63
Black	26 C 1663	2.10	1.77	26 C 1661	3.12	2.63

“Marksman” Lightweight Soldering Irons by Weller

eller “Marksman” irons feature ainless steel barrels, plated solid-pper tips, heat and impact-resistant ndles. Packed in re-usable vinyl nger pouch. 115 VAC.

Featherweight SP-23 25-Watt Pencil Iron. Features a long-reach barrel. ain, nickel-plated removable tip. evelops 750°F.
C 2391. Shpg. wt., 8 oz.........2.50

Lightweight SP-40 40-Watt Pencil Iron. Compact iron weighs only 2 . Excellent for detailed work. Has " dia. plated-copper tip.
C 3121. Shpg. wt., 8 oz..........3.35



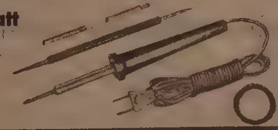
K Heavy-Duty 80-Watt Pencil Iron. Lightweight pencil style iron weighs 4 ounces. Has 3/8-inch diameter copper-plated tip.
26 C 3120. Shpg. wt., 10 oz........4.15

L Medium-Duty SP-120 120-Watt Iron. For light sheet metal work, home repairs. ½-inch diameter plated tip. Shpg. wt., 1 lb.
26 C 3119............................7.50

M Heavy-Duty SP-175 175-Watt Iron. For big jobs. Has maximum heat transfer. Sheet metal, production use. 5/8" dia. plated-copper tip.
26 C 3118. Shpg. wt., 2 lbs...........9.15

“Marksman” 25-Watt Soldering Kit

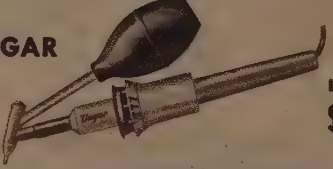
$3.69



Model SP-23-K. Complete soldering kit features the “Marksman” 25-watt pencil iron above, left. Kit also includes three different pre-tinned nickel-plated copper tips, soldering aid tool, 5-ft. 60/40 resin core solder, instructions. 115 VAC. Wt., 8 oz.
26 C 2392...............................3.69

Soldering Tools and Accessories

UNGAR



Low As $915

Hot-Vac Desolderer and Solderer

Also for Heat-Shrinkable Tubing

Type 7800. Desolders and cleans printed circuit boards. Hot-Vac melts solder, which is sucked up into collector by bulb. Special coating makes tip-tinning unnecessary. Also for heat-shrinkable tubing. With 37½-watt element. For 115 volts AC. Shpg. wt., 12 oz.

26 C 1028. 1-5 .... **Each 11.49**
6-Up .... **Each 9.15**

Ungar "Kleen-Tip" Kit

Better Connections, Longer Tip Life

$109

Type 400. Removes oxidation and excess solder from soldering tips. Consists of specially processed sponge and phenolic tray. Shpg. wt., 2 oz.

26 C 1421 .... **1.09**
26 C 1422. Type 455 Refill Sponge. Shpg. wt., 2 oz. .... **42¢**

$177

New Endeco 300-K 9-Piece Desoldering Kit

Handles almost any desoldering or resoldering job. long, weighs just 3½ oz. Removes miniature soldere components in seconds without damage Resolders ne connections even faster, thanks to its 360° "wrap-around contact. One-hand operation. 40 watts. 6 different tip from 0.38 to .090, tip cleaning tool, steel box. For 110-12 V, 60 Hz AC. Shpg. wt., 3 lbs.

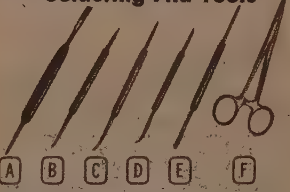
26 C 1195 .... 17.7

X-Acto 348 Solder Aid Kit

Now you can do professional-qualit soldering every time with the help this handy soldering aid kit. Include five versatile tools. Manufactured fron hard chrome-plated steel, to whic solder will not adhere. Tools include in kit are fork, knife and scrape tracer, reamer, brush, double-chuc handle and compact see-thru carryin case. Shpg. wt., 1½ oz.

26 C 1229 .... 2.9

Soldering-Aid Tools



A **G-C 9088.** One end has stiff wire brush for cleaning wire and terminals before soldering; other end shaped to hold wires during soldering. Solder does not stick to chrome-tipped probe. 8". 4 oz.
26 C 1000 .... **98¢**

B **C** **G-C 9075 and 9076.** Double ends ream, hold, or pry. Heat-treated tool steel. Chrome plated to prevent solder from sticking. 4 oz.
26 C 1728. (B) Straight Probe .... **78¢**
26 C 1729. (C) Angled Probe .... **78¢**

D **G-C 9093.** For printed circuits. Offset and slotted probes of hardened stainless steel—solder does not stick to tool. 8" long. 4 oz.
26 C 1586 .... **98¢**

E **G-C 9094.** Stainless steel brush, hardened steel scraper. For printed circuit boards. Solder does not stick to tool. 8" long. 3 oz.
26 C 1587 .... **96¢**

F **Xcelite 42H Seizer.** Versatile, 6" straight-nose tool clamps tightly. Holds wires for soldering, acts as a heat sink, retrieves small parts from hard-to-reach places. Precision made of stainless steel. 3 oz.
26 C 1255 .... **3.93**
26 C 1256. Type 43H. As above, but has curved nose **4.07**

Ersin and Kester Non-Corrosive Solders

A Solder for Every Purpose . . Types for Hobbyist, Radio and TV Serviceman

Kester Solders

Kester "44". Fast-melting for high-speed soldering. Resin flux core. Non-corrosive, non-conductive. 60/40 alloy.

Stock No.	Dia.	Net	Shpg.	EACH
26 C 2112	.062"	1 lb.	1¼ lb.	2.14
26 C 2164	.031"	1 lb.	1¼ lb.	2.82

"Resin Five" Core Solder. For printed circuits. Has active Resin flux. Non-corrosive, non-conductive. 60% tin, 40% lead.

Stock No.	Dia.	Net	Shpg.	EACH
26 C 2234	.062"	1 lb.	1¼ lb.	2.14
26 C 2285	.031"	1 lb.	1¼ lb.	2.82

Solder Paste. Provides an even distribution of active ingredients. 2-oz. can. Shpg. wt., 5 oz.
26 C 1578 .... **15¢**

Tinning Block. Shpg. wt., 1¼ lbs.
26 C 1582 .... **65¢**

Printed-Circuit Pak. 40% lead, 60% tin alloy resin-core solder for printed circuit boards. 18-ga., 5 cores. In flameproof aluminum dispenser. 5 oz.
26 C 1599 .... **69¢**

Ersin Extra-Fine-Gauge Solder

Five-core solder. 60% tin, 40% lea *Eutectic—37% lead, 63% tin. Mee Federal spec. QQ-S-571. Each pack age contains four ½-lb. spools. Shpg wt. per package, 3 lbs.

Stock No.	Gauge	EACH
26 C 3015	24 (.022")	11.57
26 C 3016	28 (.014")	15.29
26 C 3017	32 (.0108")	19.96
26 C 3018	34 (.009")	24.26
26 C 3056	*20 (.036")	7.45
26 C 3057	*24 (.022")	12.12
26 C 3058	*28 (.014")	15.52
26 C 3059	*32 (.0108")	20.15

Ersin Multicore Solders

Tin/Lead Solder. Non-corrosive Ersi flux. 60% tin, 40% lead. 1-lb. spool Shpg. wt. per spool, 1¾ lbs.

Stock No.	Gauge	EACH
26 C 1730	16 (.064")	3.34
26 C 1733	18 (.048")	3.40
26 C 1736	20 (.036")	3.67

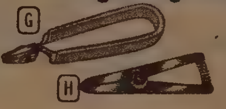
Resin Multicore Solder. 5 cores of flu 40% tin, 60% lead. 1-lb. spools. Shpg wt. per spool, 1½ lbs.

26 C 1594	16 (.064")	2.67
26 C 1313	18 (.048")	2.70

"Savbit" Solder, 5 cores of flux. Copper tin-lead alloy reduces tip wear, offer greater strength. 1-lb. spools. Shpg wt. per spool, 1¾ lbs.

26 C 1123	16 (.064")	3.22
26 C 1629	18 (.048")	3.34
26 C 1635	20 (.036")	3.63

Lightweight Miller and G-C Soldering Heat Sinks



G **Miller 80.** Spring-type sink. Copper jaws, plasti covered handles. Shpg. wt., 6 oz.
26 C 1743 95

H **G-C 9077.** Aluminum sink gives firm grip. 3 oz
26 C 1742 35

Depend on Allied for the Best in Solder Equipmen

Storage Cabinets, Assorted Hardware

A

$13.49

B

AKRO-MILS Heavy-Duty Cabinets

Choice of molded clear styrene "See-Thru" or opaque extra-heavy-duty polystyrene drawers. Use individually on flat surfaces, in rows, stacked vertically or wall mounted. Welded steel frames. Gray finish. Cabinets, 17 7/8" wide.* Type 17 has "See-Thru" drawers; Type 18 has opaque extra-heavy-duty drawers. Av. shpg. wt., 15 lbs.

Stock No.	Mfr's Type	Fig.	Cabinet [illegible]	Drawers No.	Drawers HxWxD In.	EACH
26 C 2501 X	17-136	A	11x6"	36	1 1/16x2 3/4 x5 1/2	13.49
26 C 1700 X	17-024	B	10x6"	24	2x2 3/4 x5 1/2	13.49
26 C 1722 X	18-136	A	11x6"	36	1 1/16x2 3/4 x5 1/2	13.49
26 C 1723 X	18-024	B	10x6"	24	2x2 3/4 x5 1/2	13.49

C

Save $2.30

48 Drawer Cabinet $8.95

Was $11.25

C Economy Steel Frame Cabinets

All-steel welded frames. Clear-plastic drawers, 2 3/4x1 1/4x5 3/4". Adjustable dividers. Baked enamel finish. Labels, one divider per drawer. Cabinet depth, 6".

Stock No.	No. of Drawers	Size H & W	Wt., Lbs.	EACH
26 C 1738 X	12	6 1/2x10"	4	3.15
26 C 1739 X	18	9x10"	5 1/2	4.31
26 C 1780 X	24	9x13"	7	5.63
26 C 1975 X	48	18x13"	13	8.95

$3.49 less tools

Akro-Mils Repair Tool Caddy

For handyman or hobbyist. 39 different tool-holding slots. 2 large storage wells for other items. 4 dust-free drawers for small parts. Large sure-grip handle. High-impact heavy-duty styrene. Easy-to-assemble. 11 1/2x14x7". Tools not included.

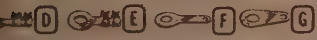
26 C 2789 X. Shpg. wt., 3 1/2 lbs. .3.49

Vlchek Polystyrene Strong, Lightweight Clear Plastic Storage Boxes

ck No.	Type	*	Compartments Size	Overall Size	Lbs.	EA.
C 2375	P250	1	5 7/8x3 5/8"	6 1/4x4x1 1/16"	1	.38
C 2378	P203	6	1 1/4x3 5/16"	8 1/4x4 1/2x1 3/8"	1 1/2	.51
C 2379	P210	9	8—1 3/8x1 5/8"; 1—1 1/8x3 1/4"	7x3 3/4x1 1/4"	1	.37
C 2380	P201	12	6—1 1/4x1 1/4"; 4—1 1/4x2"; 2—1 1/4x3 5/16"	8 1/4x4 1/2x1 3/8"	1 1/2	.51
C 2381	P612	12	6—1 5/8x1 15/16"; 6—1 5/8x4"	11x6 3/4x1 3/4"	2	1.22
C 2094	P812	12	2x4 3/16x2 1/16"	13 1/8x9x2 1/8"	1	1.95
C 2382	P200	18	1 1/4x1 1/4"	8 1/4x4 1/2x1 3/8"	3/4	.51
C 2383	P618	18	1 5/8x1 15/16"	11x6 3/4x1 3/4"	2 1/2	1.28
C 2384	P818	18	12—2x2"; 6—2x4 3/16"	13 1/8x9x2 5/16"	3	1.95
C 2385	P824	24	2x2"	13 1/8x9x2 5/16"	3 1/2	2.03
C 2095	P166	36	1 1/2x1 1/16x1 9/16"	10x7x1 11/16"	3 1/2	1.35

All-plastic hinged-top with 1 to 36 compartments for storing small parts or hardware. Rigid, lightweight, scratch-resistant, easy to clean. Strong hinge design. P250 has removable cover. *No. of compartments per box.

G-C Hardware Assortments for Everyone—Technician, Home Owner, Hobbyist



ned Soldering (and Solderless) Lugs. g. D or E are solderless lugs. No. 8 les take no. 6 screws. Wt., 3 oz.

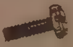
tock No.	Hole Size	Lgth.	Fig.	Quantity	PER PKG.
C 2691	No. 6	21/32"	D	25	.39
C 2692	No. 8	5/8"	D	25	.39
C 2693	No. 6	11/16"	F	30	.39
C 2694	No. 6	9/16"	G	30	.39
C 2695	No. 8	9/16"	G	30	.39
C 2696	No. 6	11/16"	E	25	.39
C 2697	No. 8	13/16"	E	25	.39

Internal Lock Washers. Star-type. Hold screws tight under vibration. Cadmium plated. Av. shpg. wt., per pkg., 2 oz.

Stock No.	Screw Size	O. D.	Quantity	PER PKG.
C 2703	No. 2	......	35	.39
C 1163	No. 4	......	50	.39
C 1196	No. 6	9/32"	50	.39
C 1197	No. 8	21/64"	50	.39
C 1198	No. 10	3/8"	45	.39

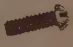
Metal Washers. Nickel plated. 1/32" thick. For screw sizes indicated. Av. wt., 3 oz.

Stock No.	Screw Size	Hole Size	O. D.	Quantity	PER PKG.
C 2705	No. 4	1/8"	9/32"	80	.39
C 2706	No. 6	5/32"	3/8"	80	.39
C 2707	No. 8	3/16"	7/16"	80	.39



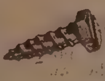
Binding-Head Machine Screws. Nickel plated steel. Extra-wide shoulder. Av. wt., 3 oz.

Stock No.	Size	Quantity	PER PKG.
26 C 2718	2-56x1/4"	40	.39
26 C 2719	2-56x1/2"	40	.39
26 C 2720	4-36x1/4"	40	.39
26 C 2721	4-36x1/2"	35	.39
26 C 2722	4-36x3/4"	35	.39
26 C 2723	4-40x1/4"	40	.39
26 C 2724	4-40x1/2"	35	.39
26 C 2726	6-32x1/4"	35	.39
26 C 2727	6-32x3/4"	30	.39
26 C 2728	8-32x3/4"	25	.39



Round-Head Machine Screws. Nickel-plated steel with slotted round heads. Av. shpg. wt. per package, 3 oz.

Stock No.	Size	Quantity	PER PKG.
26 C 2709	2-56x1/4"	40	.39
26 C 2710	2-56x1/2"	40	.39
26 C 1166	4-36x1/4"	40	.39
26 C 1167	4-36x1/2"	35	.39
26 C 2711	4-40x1/4"	40	.39
26 C 1170	6-32x1/4"	40	.39
26 C 1172	6-32x1/2"	30	.39
26 C 1173	6-32x1"	30	.39
26 C 2715	8-32x1/2"	25	.39
26 C 2717	8-32x1"	20	.39
26 C 1175	10-32x1/2"	20	.39



Hex-Head Sheet Metal Screws. Nickel-plated, slotted, self-tapping screws. Pointed type "A." Av. shpg. wt., 2 oz.

Stock No.	Size	Quantity	PER PKG.
26 C 1176	4x1/2"	35	.39
26 C 2737	6x1/4"	30	.39
26 C 2738	6x3/8"	25	.39
26 C 2739	6x1/2"	25	.39
26 C 2741	8x1/2"	20	.39

Hexagon Nuts. Nickel plated steel resists oxidation. *Indicates thickness. Av. shpg. wt., 3 oz.

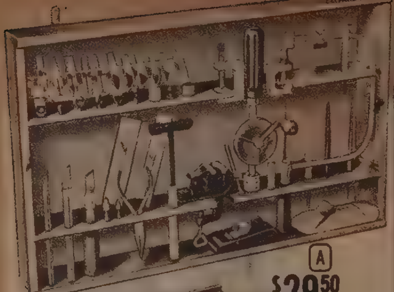
Stock No.	Thr'd	Width	*	Quan.	PKG.
26 C 2742	2-56	3/16"	1/16"	30	.39
26 C 1186	4-36	1/4"	3/32"	30	.39
26 C 2744	4-40	1/4"	3/32"	30	.39
26 C 1188	6-32	1/4"	3/32"	30	.39
26 C 1193	8-32	1/4"	3/32"	30	.39
26 C 1187	10-32	3/8"	5/64"	30	.39

Black Rubber Grommets. Soft rubber. Fit chassis up to 1/16". Av. wt., 2 oz.

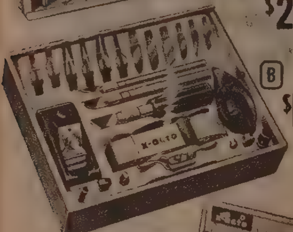
Stock No.	Mtg. Hole	Inner Dia.	Overall Dia.	Quantity	PER PKG.
26 C 1212	1/4"	1/8"	11/32"	16	.39
26 C 1213	5/16"	3/16"	7/16"	14	.39
26 C 1214	3/8"	1/4"	9/16"	12	.39
26 C 1215	1/2"	3/8"	5/8"	10	.39
26 C 2708	5/8"	1/2"	13/16"	8	.39

ardware Assortments Supplied in Handy Clear-Plastic Case

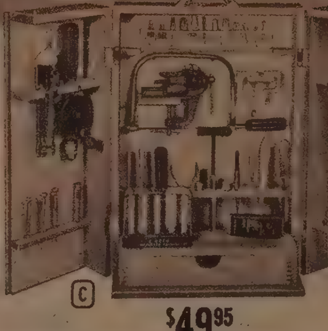
Tools, Kits for the Hobbyist



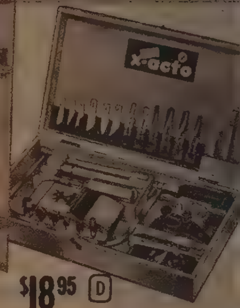
$29⁵⁰



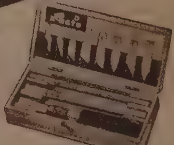
$11²⁵



$49⁹⁵



$18⁹⁵



Model 82

Multi-Purpose Knife Chest

$4²⁵

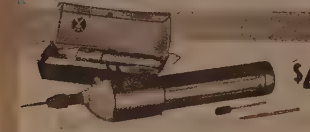
X-Acto 82 Knife Chest. Low-cost set includes Nos. 1, 2 and 5 knives with nine assorted extra blades. In handy, neutral-finish wood chest. 12 oz.
26 C 2522. . . . . .4.25

[A] X-Acto 88N Hobby Den Tool Cabinet. Fitted wooden cabinet, see-thru cover. Includes: 3 knives with blades; 6 blades; 6 gouges; 4 routers; 2 punches; saw, 4 blades; drill bit; 2 screwdriver bits; planer; sander; file; vise; hammer; pliers; 2 screwdrivers; tweezer; 2 chucks; 5 clamps; instruction/project book. Wt. 8 lbs.
26 C 2590 X. *$5 Monthly*. 29.50

[B] X-Acto 84 Knife and Tool Set. Includes Nos. 1, 2 and 5 knives plus full assortment of blades, gouges, routers, punches; planer; 1" sander; spokeshave; balsa stripper. Wooden box has see-thru cover, fitted plastic tray insert. Shpg. wt. 2½ lbs.
26 C 2619. .11.25

[C] X-Acto 99 Super 65-Piece Tool S Contains a complete assortment hobby tools, knives and blades fitt into a handsome Philippine Mahoga cabinet. Provides a compact, orde way of storing all your hobby too Cabinet has drawer for convenie storage of small parts. Overall size, 1 13x5½". Shpg. wt., 13½ lbs.
26 C 2656 X. *$5 Monthly*. . . . . . . .49.

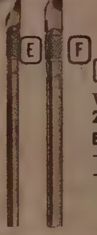
[D] X-Acto 87 Knife and Tool Chest. cludes Nos. 1, 2 and 6 kniv asstd. blades, gouges, routers, punch plus planer, sander, hobbycraft spokeshave, balsa stripper, steel ru pin vise, screwdriver, asstd. drill bi in fitted wood chest.
26 C 2660. Wt., 3½ lbs. . . . . .18.

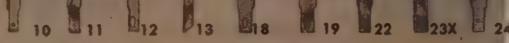


$4⁴⁹

X-Acto Cordless Hobby Drill

Battery-powered, ideal for models. Drills plastic, wood, light metal; grinds, polishes, carves. 3 collets, punch, grinder. Order 2 batteries.
26 C 2438. Wt. 1 lb. 4.49
18 C 5078. "C" Batt. 10 oz. . . 2 for 33¢





[E] X-acto No. 1 Knife. For light to med. use. Aluminum. 5". With #11 blade.
26 C 2523. Wt., 5 oz. . . . . .59¢

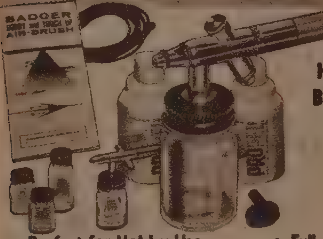
Blades for above. Pkg. 5. 2 oz.

Stock No.	Type	Pkg.
26 C 2836	10 Eraser	.53
26 C 2837	11 Fine Angle	.53
26 C 2838	12 Correction	.53
26 C 2839	13 Plastic Saw	.53

[F] No. 2 Knife. Med. to hea duty. With #22 blade.
26 C 2526. 5". Wt., 5 oz. 7

Blades for above. Pkg. 5. 2

Stock No.	Type	Pk
26 C 2840	18 Chisel, ½"	.5
26 C 2859	19 Deburring	.5
26 C 2860	22 Trimming	.5
26 C 2866	23X Dual Edge	.6
26 C 2871	24 Close Corn.	.5



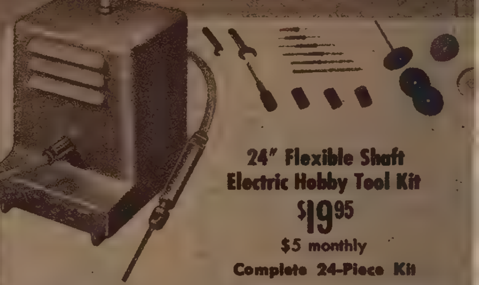
Hobbyist Air Brush Sprayer

$19⁹⁵

$5 monthly

- Perfect for Hobby Use
- Teflon® Bearings, Seals
- Full Spray Adjustment
- Easy To Use and Clean

Versatile single-action air brush gives professional results, yet it's so easy to master. Metal parts with Teflon bearings and seals. Includes sprayer, 6-ft. vinyl air hose, 2 cans of propellant (½-hour spraying each), on-off valve, 1-oz. paint jar, two ½-oz. jars.
26 C 2662. Wt., 5 lbs. *$5 Monthly*. 19.95
26 C 2698. Extra Propellant. 1½ lbs. . . .Pkg. 2 for 3.98



24" Flexible Shaft Electric Hobby Tool Kit

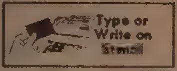
$19⁹⁵

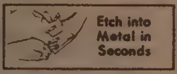
$5 monthly

Complete 24-Piece Kit

Bench-top power tool for variety of hobby uses. I cludes 1/60 hp 3000 rpm shaded-pole motor with 2-f flexible shaft and hand piece, plus these accessories: sanding bands; 2 sanding discs; polishing buff; cuttin disc; mandrels; 6 drills with collets (1/64", 1/32", 3/64", 1/16 5/64" and 3/32"); case. 120 V, 60 Hz. AC.
26 C 2669. Wt., 1 lb. *$5 Monthly*. 19.9

Fine-Quality Tools for Home and Shop


Type or Write on Stencil


Etch into Metal in Seconds

mplete with lectrolyte d Stencils

$19⁹⁵

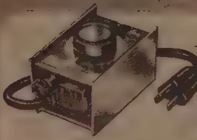
Etch-O-Matic Marking Kit

h names, designs, numbers into ost any metal by typing, writ- drawing or die imprinting on cial stencil. 110 VAC. Wt., 1 lb.
: 1085. *$5 Monthly*. 19.95

$11⁹⁵

Dremel Model 290 Engraver

Easy to use as a pencil. Even engraves glass. 5-speed adjustment for stroke length, depth. Hi-speed reciprocating motor. Nylon. With case, carbide point. 110-120 VAC.
26 C 2405. Wt., 1½ lbs. 11.95



Lutron Mark II

Low As $11⁹⁵

Power Tool Speed Control

Varies speed of drill, saw, etc. from "off" to full. For up to 5 amp univ. (AC-DC) and series DC motors only. 900 W max. 115 VAC.
26 C 1836. Wt., 1½ lbs. 11.95
26 C 2434. Up to 10 amp. . . .17.95

$4⁹⁸ Electric Gluing

Thermógrip Glue Gun

ert solid glue stick in gun, it's ted and melted and glue feeds n tip. Permanent, waterproof d in 60 seconds—no clamping. h glue sticks, sealer-sticks for lking. 115 V AC-DC.
: 2435. Wt., 1 lb. 4.98
: 3188. Extra 1⅝" Glue Sticks. oz. . . . . . . .Pkg. of 60 for 1.98
: 3189. Extra 1⅝" Sealer Sticks. oz. . . . . .Pkg. of 60 for 1.98

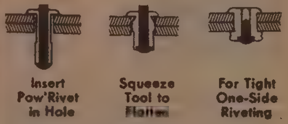
Concrete Fastener

With Pins $3²⁹

No drilling! Anchor wood or light metal to concrete with 5 hammer taps. Piston concentrates hammer force. With asstd. driver pins.
26 C 2425. Wt., 12 oz. 3.29
26 C 2426. ¾" Pin. Fastens conduit, straps. 8 oz. . . . . .Pkg. 19/79¢
26 C 2427. 1½" Pin. Furring strips to concrete. 8 oz. . . . . .Pkg. 10/79¢
26 C 2428. 2½" Pin. For 2x4" planks to concrete. 8 oz. . . . . . .Pkg. 9/79¢
26 C 2429. ¼"-20 Threaded Stud. For concrete. 8 oz. . . . .Pkg. 10/79¢

Vaco Power Riveter Kit

Exclusive "Bubble Action" Assures Positive Fastening Every Time

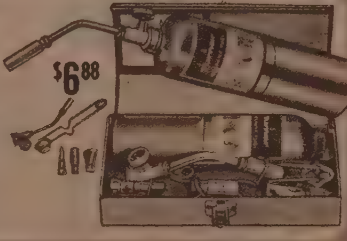


$6²⁹
- Complete With Pow'Rivets
- For Material To ½" Thick

575100. Simple squeeze gives neat, tight riveting from one side of work. 4-way head takes any size blind rivet. Includes Rivetool, 55 assorted rivets, plastic case.
26 C 2556. Wt., 2 lbs. 6.29
Model 495 Rivetool Only.
26 C 2549. Wt., 1 lb. 3.95
Pow'Rivets. Clamp-up action. 8 oz.

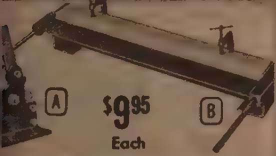
Stock No.	Dia.	Lgth.	Qty.	BOX
26 C 2566	⅛"	.400"	50	.89
26 C 2576	5/32"	.470"	32	.89
26 C 2580	3/16"	.530"	27	.89
26 C 2581	3/16"	.720"	22	.89

Turner LP-99 All-Purpose Propane-Gas Torch Kit



$6⁸⁸

r sweating fittings, soldering, ding metal. Brass torch has vy-duty valve with drag spring on b. You get: pencil-point burner; vy-duty burner; brass flame- eader; copper chisel-point solder tank of fuel; spark lighter; steel e 3x10¼x6". U.L. Listed.
: 1081 X. Wt., 4½ lbs. 6.88



$9⁹⁵ Each

A 4-In-1 Metalworker

rms angles to 90° in flat or rod ck to 16-gauge, 1" wide; shears; ets; punches. With 3 punches.
C 2500. Wt., 6 lbs. 9.95

B Metal Forming Brake

apes perfect bends and contours metal to 16-gauge; bends to 90° ickness, sharpness adjustment.
C 2439. Wt., 9 lbs. 9.95

Ideal For Delicate Parts

$14⁹⁵

Hobbyist's Precision Flexi-Vise

Universal 3-way vise rotates work 360° in any plane. Cantilever design for stability; non-skid base. Spring-assisted V-groove aluminum jaws gives firm, safe grip; 1 1/16" capacity; neoprene liners.
26 C 2589. Wt., 2 lbs. 14.95

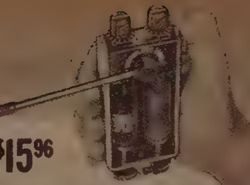
$9⁹⁵

Dremel Electric Scroll Saw

- Cuts in Any Direction
- Cuts Wood To ¾" Thick

Cuts scrolls, angles and curves in wood to ¾" thick, tile, light metal. Thin, fast blade leaves smooth wood. Cuts in any direction—9½" deep throat. For 115 VAC.
26 C 2436. Wt., 3 lbs. 9.95
26 C 2437. Pkg. 10 Blades. 2 oz. 98¢

Values in Quality Hand Tools



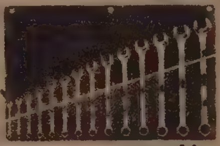
Low As $15.96

Microflame Miniature Torch

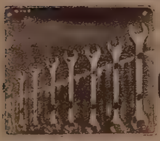
Self-contained torch uses miniature oxygen and LP cylinders, gives over 5000° F. 5 1/4x2x1 1/4". 3 tips, torch tube, gaskets, 2 oxygen and 1 butane cylinders, instructions, all in plastic box. 1 lb.

26 C 3275. 1-5..........Each 17.95
6-Up.....................Each 15.96
26 C 3276. Oxygen Cylinder. Ea. .75
2-5....Ea. .70 6-Up.........Ea. .60
26 C 3277. Butane Cylinder. .Ea. .50
2-5....Ea. .45 6-Up.........Ea. .40

HUSKY WRENCH SETS



F 14 Pieces $24.95



G 8 Pieces $9.95

Popular wrench sets packaged in handsome vinyl plastic roll cases. Cases are grommeted for hanging.

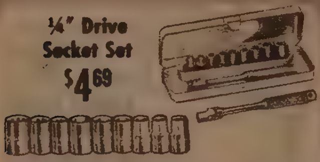
F **14-Piece Combination Set.** One end open-end, other end box. Includes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8", 1 1/4". Vinyl case. 10 lbs.
26 C 2535. *$5 Monthly*........24.95

11-Piece Combination Set. (Not illus.) One end open-end, other end box. 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1". Vinyl roll case.
26 C 2539. Shpg. wt., 5 lbs...15.95

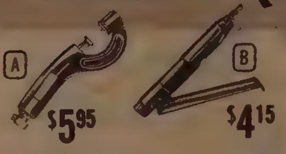
G **8-Piece Open End Set.** Both ends open-end. Includes: 1/4x5/16", 3/8x7/16", 1/2x9/16", 19/32x11/16", 5/8x3/4", 25/32x13/16", 3/4x7/8", 15/16x1". Case.
26 C 2536. Shpg. wt., 2 lbs....9.95

1/4" Drive Socket Set

$4.69

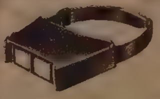


Low priced 11-piece socket set for those small jobs around the house. Consists of: six 6-point sockets—1/4", 9/32", 5/16", 11/32", 3/8", and 7/16"; three 8-point sockets—1/4", 5/16", and 3/8"; 6" flex handle; metal tool box, 6 13/16x2 5/16x1 1/4".
26 C 1429. Shpg. wt., 1 lb.......4.69



A **HP Model 500 Nut-Cracking Tool.** Cracks nuts from 5/16" to 13/16". Easy to use, provides up to 25,000 lbs. pressure. 1 1/4 lbs.
26 C 1583......................5.95

B **Adel Metal "Nibbling" Tool.** "Nibbles" openings in 18-ga. steel, aluminum, or other soft metals up to 1/16" thick. 8 oz.
26 C 1153......................4.15
26 C 1130. Extra Punch. 2 oz. 2.12

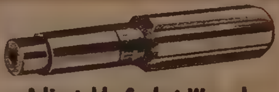


3-Dimension Magnifiers

Low As $4.95

Lightweight binocular 3-D magnifiers provide up to 3 1/2 X magnification. Feature precision ground and polished prismatic lens. Adjustable headband for comfortable fit. You choose from three different magnification powers. Shpg. wt., 1 lb.

26 C 3616. 2 1/4X 10" focus...4.95
26 C 3617. 2 3/4X 8" focus ...5.95
26 C 3618. 3 1/2X 4" focus... 5.95



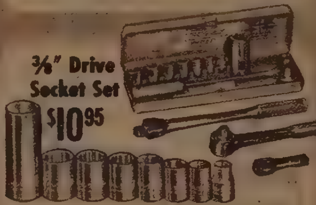
Adjustable Socket Wrench

$2.49
- Press—Adjusts to Size
- 7 Sizes: 1/4" to 7/16"

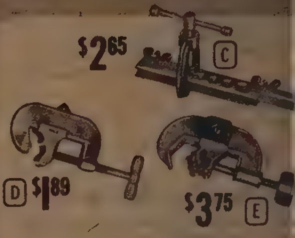
Just press and turn, wrench automatically adjusts to any of seven hex sizes from 1/4" to 7/16". Durable chrome-plated housing. Shockproof insulated handle grips easily. Overall length, 5 3/4". Shpg. wt., 8 oz.
26 C 3279......................2.49

3/8" Drive Socket Set

$10.95



For home or shop. Includes: four 6-pt. sockets—3/8", 7/16", 1/2", 9/16"; three 12-pt. sockets—5/8", 11/16", 3/4"; socket extension; reversible ratchet; 10" flex handle; metal storage box, 10x3 5/8x1 1/8". Shpg. wt., 3 lbs.
26 C 2008.....................10.95

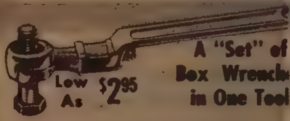


Flaring Tool, Tube and Pipe Cutters

C **Flaring Tool.** Quality constructe tool makes SAE 45° flare, to 5/8" O.D. on copper, brass, a aluminum. 2 lbs.
26 C 2139.....................2.

D **Tubing Cutter.** High quality cu ter cuts 1/8"-1 1/8" O.D. coppe brass, aluminum, and thinwall co duit. Meets Federal Specification Has retractable reamer. Shpg. w 1/2 lb.
26 C 2140.....................1.

E **Combination Tubing and Pi Cutter.** Combination tool easi cuts tubes and pipes. Cuts 5/8"-2 copper, brass, aluminum, thi wall conduit; 3/8-1" iron and ste pipe. Shpg. wt., 2 lbs.
26 C 2141.....................3.7



A "Set" of Box Wrench in One Tool

Low As $2.95

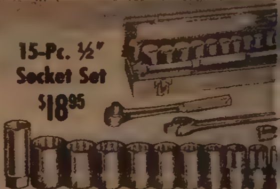
Adjusts from 1/4" to 1". Narro head for extremely tight spo Tightly grips even burred a damaged nuts. Forged alloy ste nickel-chrome finish. 8" handle
26 C 2982. Shpg. wt., 8 oz....2.9

Above, but has 10" handle and a justs from 3/8" to 1 1/8".
26 C 2983. Shpg. wt., 14 oz...4.9

Extra large. Has 12" handle a adjusts from 7/16" to 1 7/16".
26 C 2984. Shpg. wt., 21 oz...5.9

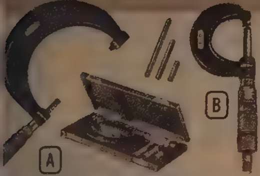
15-Pc. 1/2" Socket Set

$18.95



Excellent for work around t house. Set consists of: three 6-p sockets—7/16 to 9/16"; seven 12-p sockets—5/8 to 1"; 13/16" sparkpl socket; 5" socket extension; reve sible ratchet; 15" flex handl metal box, 15 1/4x4x2".
26 C 2329. Shpg. wt., 10 lbs. 18.9

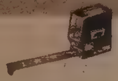
t the Hand Tools You Need Now



ntral Precision Micrometers

L 0-4" Range Micrometer. Forged eel frame, satin-chromed barrel. djustable extensions. Friction spindle lock. Has .001" gradons. Deluxe case. 3 lbs.
1211. *\$5 Monthly*........39.50

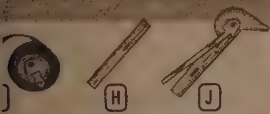
" Micrometer. Positive lock. Acrracy meets government spec -C-105. Forged frame.
1060. Wt., 8 oz...........13.95
2287. **1-2" Micrometer**......15.95



kin "Lokmatic" Tape Rules

r-Lok, ball-bearing rewind, end s, $\frac{1}{16}$" graduations. Vinyl and l case. Width, $\frac{1}{2}$" except *$\frac{3}{4}$".

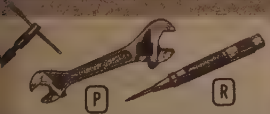
k No.	Type	Feet	Oz.	EACH
3045	W728	8	7	1.50
3046	W7210	10	8	1.73
3047	W7212	12	8	2.00
3048	W7312*	12	10	2.83
3049	W7316*	16	10	3.34



fkin White-Clad Tape. 50-ft. steel pe. Black figures on white.
1184. Shpg. wt., 1 lb......4.20
1185. Above, 100-ft. 2 lbs..5.94

' Rule and Wire Gauge. Graduted in 32nds and 64ths. Has B& re gauge, decimal equivalents.
1320. Shpg. wt., 2 oz.......55¢

ultipurpose 4" Rule. 32nds, 64ths, m; protractor; square; drill e; tape-drill table.
1329. Shpg. wt., 4 oz.......1.47

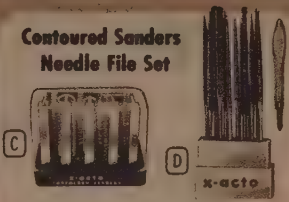


enry Hanson 120 Hand Reamer. igh quality hand reamer $5\frac{1}{2}$" $\frac{1}{2}$"-diameter shank, $\frac{1}{8}$" point. e of high-carbon steel. 9 oz.
1390.........................1.49

" Adjustable Crescent Wrench. Adstable both ends; one end $\frac{1}{2}$", r end $\frac{3}{4}$". Shpg. wt., 6 oz.
1263.........................2.74

6 C 1382. **Center Punch.** 5 oz..3.49
6 C 1383. **Extra Point.** 1 oz....47¢

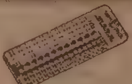
Contoured Sanders Needle File Set



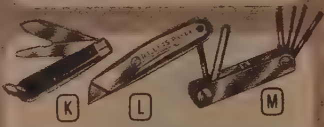
C **X-acto 351 Contoured Sanders.** Precision sanding in metal, plastic, and wood. Unique kit offers 5 different sanding heads with grip-tight handles. Includes an assortment of precut sheets of plastic-backed sandpaper.
26 C 2493. Shpg. wt., 8 oz...3.95

D **X-acto 60S-ST Swiss Needle File Set.** Set of 12 assorted styles.
26 C 2519. Shpg. wt., 8 oz...5.95

Drill and Steel-Wire Gauge



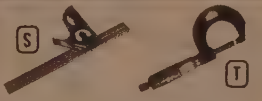
Drill, tap, steel-wire gauge. Gauges and gives decimal equivalents for wire sizes 1 to 60, tap and drill sizes 2-56 to $\frac{1}{4}$-28. Shpg. wt., 5 oz.
26 C 1319..................1.69



K **Ulster K-29W Electricians Knife.** Knife, screwdriver, wirescraper. $2\frac{1}{2}$" tool-steel blades.
26 C 1298. Shpg. wt., 5 oz...1.49

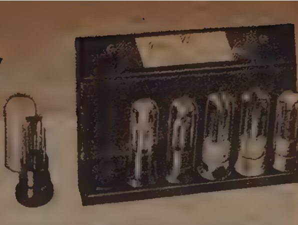
L **Millers Falls Utility Knife.** Five inches long. Five blades.
26 C 2655. Shpg. wt., $\frac{1}{2}$ lb. 83¢
26 C 1171. 5 Extra Blades. 2oz. 37¢

M **Hex-Key Wrench Set.** Folds like pocket knife. Hardened nickel-chrome steel.
26 C 1128. Shpg. wt., 4 oz....88¢



S **Corsair 12" Combination Square.** Try/miter square, depth gauge, plumb, and level. Locks at any point. Shpg. wt., 8 oz.
26 C 1308...................84¢

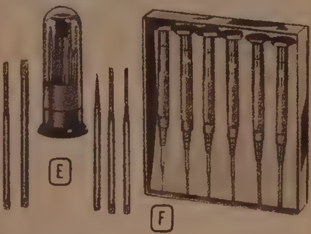
T **Economy 1" Micrometer.** Accuracy to 0.0005" in full-range micrometer. Screw-type anvil permits simplified zero adjustment. Factory adjusted. Japan.
26 C 2132. Shpg. wt., 8 oz..4.95



Moody Precision Tiny Tool Set

36 Pieces **\$14.95** • 6 Different Sets • Leather-Like Case

6 different sets, each with its own chuck handle, plastic case. 4 screwdrivers (.05", .07", .08", .1"); 1" awl; 2 Phillips screwdrivers (#0, 1); 3 Allen wrenches (#4, 6, 8); OE-5 open-end wrench set and TS-5 tap set, below; SW-5 socket wrench set (nonmagnetic); 5 matching tap drills. Leather-like case. 2 lbs.
26 C 2022..................14.95



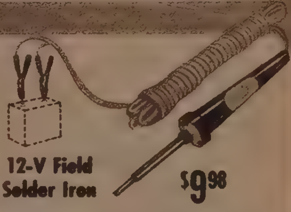
E **SC-5 Screwdriver Set.** .055", .070", .080", .100", Awl. Chuck handle. Plastic case. 5 oz.
26 C 1152............**Per Set 1.29**

OE-5 Open-End Wrench Set. Offset. Steel. Chuck handle $\frac{5}{64}$", $\frac{3}{32}$", $\frac{7}{64}$", $\frac{1}{8}$", $\frac{5}{32}$". Plastic case.
26 C 1126. Wt., 5 oz. **Per Set 1.64**

TS-5 Tiny Tap Set. Sizes: 0-80, 1-72, 2-56, 3-48, 4-40; handle.
26 C 1647. Wt., 5 oz. **Per Set 4.95**

BW-5 Magnetic Socket Wrench Set. Magnetized handles. $\frac{5}{64}$", $\frac{3}{32}$", $\frac{7}{64}$", $\frac{1}{8}$", $\frac{5}{32}$"; handle, case.
26 C 2021. Wt., 5 oz. **Per Set 2.59**

F **JS-6 Jeweler's Screwdriver Set.** Set has six precision-made jeweler's drivers in a sturdy case. With heat-treated steel blades, knurled handles. Blade sizes are: .025", .040", .055", .070", .080" and .1".
26 C 1384. Wt., 8 oz...**Per Set 2.89**

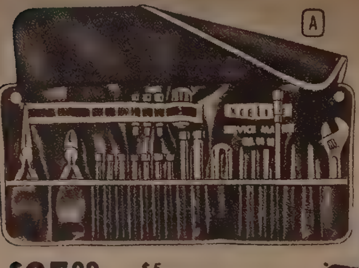


12-V Field Solder Iron

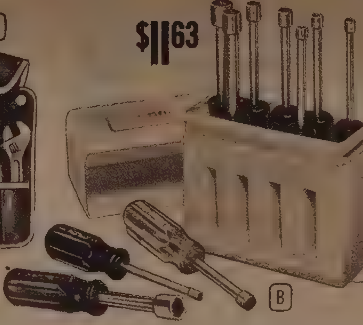
\$9.98

Operates from 12-V battery or 12-14 V AC/DC source. Tip-temperature control. Low power drain, only 2.5 to 2.9 amps, 30-41 W. 700°F $\frac{3}{16}$" screwdriver tip, battery clips, 12-ft. cord. $7\frac{1}{2}$" long.
26 C 2168. Shpg. wt., 2 lbs....9.98

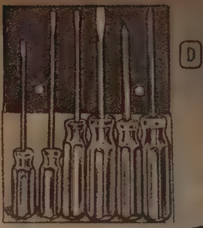
Xcelite Nutdrivers, Screwdrivers



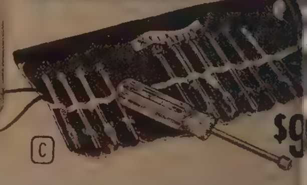
$25.80 $5 monthly



$11.63



$4.98



$9

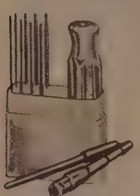
A **Model 99SM Service Master Tool Kit.** Provides a variety of tools and combinations to speed-up work. Kit includes: long-nose pliers; 6" adjustable wrench; 9 regular nutdrivers from 3/16" thru 1/2"; 1/4", 5/16", 3/8" stubby nutdrivers; 3/16" and 9/32" slotted screwdrivers; #1 Phillips screwdriver; 1/8" to 3/8" reamer; 1/4" to 1/2" reamer; 8" extension. Vinyl-coated canvas roll-up case.
26 C 1162. Shpg. wt., 2 3/4 lbs. *$5 Monthly*..........25.80

B **Model HS6-18 Hollow-Shaft Nutdriver Set.** Ten nutdrivers in a rugged carrying case. Super-tough cold-drawn, case-hardened sockets. High-carbon steel shafts are polished and plated. Shock and breakproof plastic handles color-coded and marked with large numbers. Sizes from 3/16" thru 3/8" in 1/32" steps. Also 7/16", 1/2", and 9/16".
26 C 1199. Shpg. wt., 1 1/2 lbs......................11.63

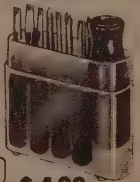
C **Model 99PR Screwdriver/Nutdriver Set.** A grand tota 14 pieces in a handy roll-up vinyl pouch. Include nutdrivers in sizes from 3/16" thru 1/2" in 1/32" steps; 2 si end screwdrivers, 3/16", 9/16"; 2 single-end Phillips, No and 2. Shockproof and breakproof Plastic handles. have heavily chrome-plated shafts and blades to resist rosion. Shpg. wt., 2 lbs.
26 C 1259..................................

D **Handyman's Screwdriver Set.** A screwdriver for every around the house. Six-piece set includes: 2 Phillips —No. 1, 3" shaft, 6 3/8" overall; No. 2, 4" shaft, 7 3/4" ove 4 slotted with round shafts—1/8x4" shaft, 6 1/2" ove 1/4x4" shaft, 8" overall; 3/16x4" shaft, 7 5/8" overall; shaft, 7" overall. Plastic handles. With carrying case.
26 C 3146. Shpg. wt., 14 oz..........................

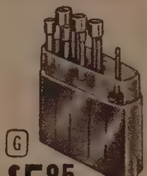
Allen Wrench, Nutdriver, Screwdriver Sets



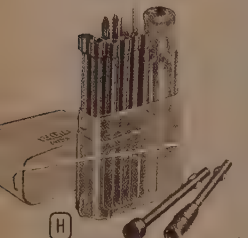
$6.75



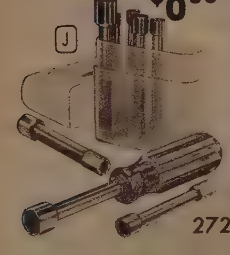
$4.20



$5.85



$8.55



$8.85

E **99PS-40 Allen Screwdriver Set.** Includes breakproof handle; 4" extension; 9 blades, 3/64" to 5/32" in 1/64" steps, also 3/16".
26 C 1757. Wt., 12 oz.........6.75

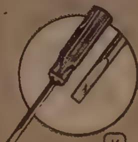
F **PS88 Screwdriver Set.** 5 slot-tip types from 3/32" to 1/4"; 3 Phillips drivers, #0, #1, #2; 1x3 1/8" standard handle. 3 1/2" drivers.
26 C 2579. Wt., 11 oz.........4.20

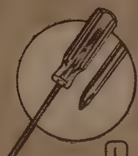
G **PS120 Nutdriver Set.** Includes: 10 color-coded drivers from 3/32" to 3/8" in 1/32" steps. 3 1/2" drivers. Plastic case fits pocket.
26 C 2194. Wt., 11 oz..........5.85

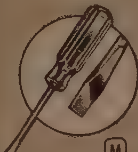
H **99PS-50 Set.** Six 3 5/8" nutdrivers, 5/16" to 3/8"; 3/16", 1/4" slot, #1, #2 Phillips screwdrivers. 4" extension, handle, case.
26 C 2039. Wt., 12 oz.........8.55

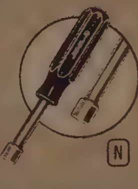
J **HSC-1 Nutdriver Set.** Eight 4 1/8" nutdrivers with hollow shaft to accommodate screwdriver. 3/16" to 9/16". Break-and shockproof handle case.
26 C 2040. Wt., 12 oz.........8.85

Set-Screw, Phillips, Round-Shaft Screwdriv









K **Set-Screw Type Screwdrivers.** 2 oz

Stock No.	Type	Shaft Size Dia.	Shaft Size Lgth.	O'all Lgth.
26 C 1129	R-3323SS	3/32"	3"	5"
26 C 1136	R-184SS	1/8"	4"	6"

L **Phillips Screwdrivers.** *Pocket clip.

26 C 1223	P-12S*	No. 0	2"	4"
26 C 1155	X-108	No. 1	6"	10"
26 C 1156	X-102	No. 2	4"	7 3/4"
26 C 1158	X-103	No. 3	6"	10"

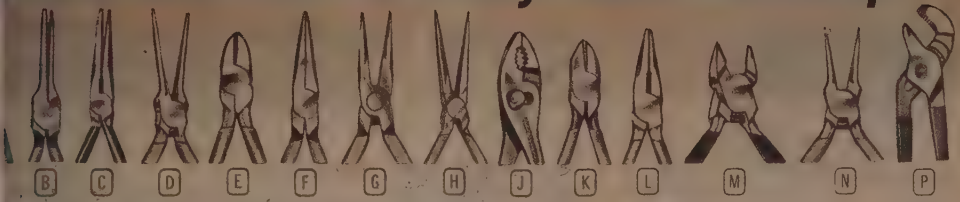
M **Round-Shaft Screwdrivers.** 5 oz.

26 C 1142	R-182	1/8"	2"	4 1/2"
26 C 1147	R-184	1/8"	4"	6 1/2"
26 C 1148	R-186	1/8"	6"	8 1/2"
26 C 1150	R-188	1/8"	8"	10 1/2"
26 C 1279	R-144	1/4"	3"	8"
26 C 1280	R-146	1/4"	6"	10"
26 C 1281	R-148	1/4"	7"	12"
26 C 3281	R-3163	3/16"	3"	6 5/8"
26 C 3282	R-3164	3/16"	4"	7 5/8"
26 C 3283	R-3166	3/16"	6"	9 5/8"
26 C 3284	R-3168	3/16"	8"	11 5/8"

N **Color-Coded Hex Nutdrivers.** Stand type with lightweight hollow sh Types HS-6, 7 are 6 1/8" long ove Types HS-8, 9, 10, 11, and 12 ar long overall. Types HS-14, 16, an are 7 1/4" long overall. Shpg. wt., 6

Stock No.	Mfr's Type	Hex Size	Color
26 C 1648	HS-6	3/16"	Black
26 C 1649	HS-7	7/32"	Brown
26 C 1264	HS-8	1/4"	Red
26 C 1646	HS-9	9/32"	Orange
26 C 1265	HS-10	5/16"	Amber
26 C 1266	HS-11	11/32"	Green
26 C 1267	HS-12	3/8"	Blue
36 C 1268	HS-14	7/16"	Brown
26 C 1269	HS-16	1/2"	Red
26 C 1271	HS-20	5/8"	Amber

Pliers and Tools for Every Home Workshop



RECISION PLIERS, CUTTERS FOR ANY APPLICATION

Professional-Quality ALLIED Pliers and Cutters

orged from high-grade tool steel and heat treated for optimum temper.
ushion grips for safety and comfort. All carry one year guarantee against
ıg. *Has cross coil spring. Made in U.S.A. to our specifications.

	Fig.	Length	Description	Wt., oz.	EACH	
					1-4	5-Up
00	A	6½"	Electrician's Side Cutting Pliers	8	2.79	2.51
01	A	8"	Electrician's Side Cutting Pliers	16	3.49	3.14
08	B	6"	Long Needle or Snip Nose Pliers	6	2.54	2.29
12	C	7"	Extra Long Chain Nose Cutting Pliers	6	3.62	3.27
15	D	6"	*Long Nose Pliers	3	3.25	2.92
02	E	4½"	Diagonal "Oblique" Cutting Pliers	2	2.49	2.25
03	E	5"	Diagonal "Oblique" Cutting Pliers	3	2.59	2.33
04	E	6"	Diagonal "Oblique" Cutting Pliers	3	2.79	2.51
10	F	6"	Long Chain Needle Nose Pliers	3	2.25	2.03
09	F	6"	Long Chain Needle Nose Pliers	3	2.82	2.55
13	G	5"	*Radio and Ignition Nose-Cutting Pliers	3	2.98	2.68
16	H	7"	*Extra Fine Long Nose Pliers	3	2.99	2.69
24	J	6"	Satin Finish Combination Pliers	5	.79	.71
25	J	8"	Satin Finish Combination Pliers	9	1.09	.98
26	J	6"	Satin Finish Thin Nose Combination Pliers	5	.89	.80
05	K	4½"	Diagonal Needle Point Cutting Pliers	2	2.74	2.47
06	K	5"	Diagonal Needle Point Cutting Pliers	3	2.87	2.58
07	K	6"	Diagonal Needle Point Cutting Pliers	3	3.42	3.08
11	L	5"	Short Chain Needle Nose Cutting Pliers	3	2.62	2.36
14	M	5"	*Slim Nose Pliers	3	3.39	3.05
17	N	4½"	*Needle Point Diagonal Flush Cut Pliers	6	3.45	3.10
27	P	10"	Tongue-and-Groove Utility Pliers	16	2.49	2.24

New Vaco Ratchet-Drivers

et 14-Pc. Screw/Nutdriver Set

es 3-way ratchet handle to
work. Includes: seven nut-
s, 3/16" to ½"; No. 1 and No. 2
ps-head screwdrivers; three
screwdrivers; plus 5" blade
ion. In handy see-thru plastic
Shpg. wt., 2 lbs.
236. . . . . 12.39

$12.39

chet 7-Piece Nutdriver Set

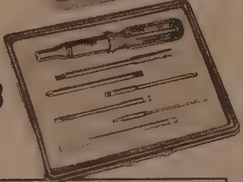
v 3-way ratchet handle speeds-
t setting on radio, TV appli-
s, assembly-line work. Five nut-
s from ¼" to 7/16"; 5" extension
Deluxe plastic case, 10x7½x
Shpg. wt., 1½ lbs.
237. . . . . 8.39

$8.39

et 8-Piece Screwdriver Set

v 3-way ratchet handle simpli-
d speeds-up shop and home re-
assembly. Set includes: three
blades (⅛"x4", 3/16"x4", ¼"x
o. 1 Phillips, No. 2 Phillips; 5"
extension. In deluxe plastic
10x7½x1¾".
238. Wt., 1½ lbs. 6.98

$6.98

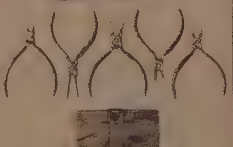


New 5-Piece Plier Set

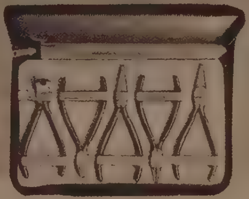
ered forged steel with polished
, shoulders, insulated handles.
ncludes: 4½" duckbill; 5" long-
5" bent long-nose; 4½" long-nose
r; and 4½" diagonal cutting pliers.
p pouch. Japan.
131. Wt., 1 lb. 8.95

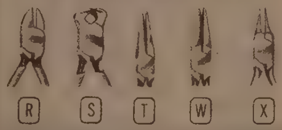
5-Pc. Set

$8.95



ALLIED Jeweler's Plier Set





- Drop Forged Fine Grain Tool Steel
- Comfortable Vinyl Cushion Grips
- Zippered, Leatherette Carry Case

Set of five professional 4½" precision pliers (also sold individually below). Crack and peel-proof vinyl cushion grips. Smooth polished head and handle, drop forged fine grain tool steel Fig. R for close cutting. Fig. S for end cutting. Figs. T, W, X have smooth jaws. Shpg. wt., 1¼ lbs. (Av. wt. of individual pliers, 5 oz.)
26 C 2918. 1-2 Sets. . . . . . . Each 13.95
3 Sets Up. . . . . Each 12.95

INDIVIDUAL JEWELER'S PLIERS

Stock No.	Fig.	Description	EACH	
			1-2	3-Up
26 C 2919	R	Diag. Cutter	2.65	2.38
26 C 2920	S	End Cutter	2.98	2.68
26 C 2921	T	Chain Nose	2.38	2.14
26 C 2922	W	Flat Nose	2.49	2.24
26 C 2923	X	Round Nose	2.49	2.24

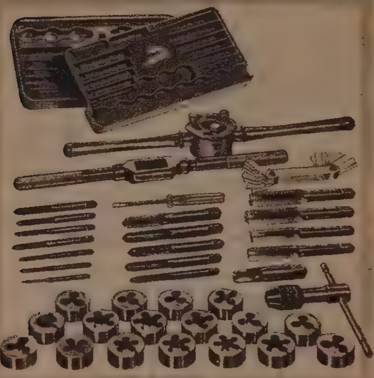
With Sturdy Rack

$6.95

ALLIED 8-Piece Nutdriver Set

Seven hex drivers, 3/16" to ½", in supporting rack. Color-coded handles, with nickel-chrome plated drivers. Made of drop forged tool steel, heat treated for maximum hardness. Shafts 6¼", except 6⅞" on 7/16" and ½" drivers. Shpg. wt., 1¾ lbs.
26 C 1787. 6.95

Fine Quality Precision Tools for Home or Sh



Ace 40-Piece Tap and Die Set

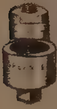
$26.50 • Includes All Popular Sizes
• Hi-Tempered Alloy Steel
$5 monthly • Unbreakable Plastic Case

A complete set of taps and dies, plus all essential accessories in a compact storage case. All popular sizes.

Consists of one each, tap and die: 4-36, 6-32, 8-32, 10-24, 10-32, 12-24 (Machine Screw Standard); ¼-20, 5/16-18, ⅜-16, 7/16-14, ½-13 NC (U.S. Standard); ¼-28, 5/16-24, ⅜-24, 7/16-20, ½-20 NF (S.A.E. Standard); ⅛" pipe.

Also includes die stock, tap and reamer wrench. "T" tap wrench, screwdriver, and pitch gauge. High-tempered alloy steel. Unbreakable plastic case with recessed pocket for each part.
26 C 1391. Wt., 4 lbs. *$5 Monthly* 26.50

26 C 2848. S35P Screw Extractor Set. With extractor Nos. 1, 2, 3, 4, 5. Use with ¼" drill. 5 oz. 1.98



Greenlee Chassis Punches

Type 730 Round Punch. Cuts holes in chassis, cabinets and panels. Cuts up to 16-gauge metal, bakelite, hard rubber. Shpg. wt., 1½ lbs.

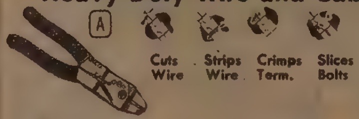
Stock No.	Hole Size	Lead Size	EACH
26 C 1337	½"	¼"	2.70
26 C 1349	⅝"	¼"	2.70
26 C 1306	11/16"	⅜"	2.70
26 C 1340	¾"	⅜"	2.70
26 C 1342	⅞"	⅜"	2.70
26 C 1343	1"	⅜"	3.00
26 C 1344	1⅛"	⅜"	3.15
26 C 1347	1¼"	⅜"	3.15
26 C 1327	2"	¾"	7.80

Ball-Bearing Drive Screws. Minimize effort needed to operate punches. Reduce drive screw, punch friction. 1 lb.
26 C 1604. AV322-BB. 11/16" to ⅞" . 1.10
26 C 1605. AV112-BB. 1" to 1½" . . 1.20
26 C 1169. AV304-BB. 2" punch . . . 2.90

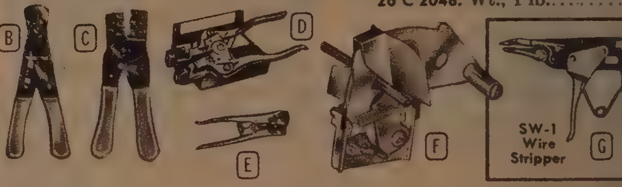
Replacement Cap Screws. For all punches above.

Stock No.	Size	For Punch Size	EACH
26 C 1376	¼"	½" and ⅝"	.29
26 C 1378	⅜"	11/16" to ⅞"	.29
26 C 1336	⅜"	1" to 1¼"	.34

Heavy-Duty Wire and Cable Strippers/Bolt Slice



A Vaco 1963 Wire Cutter/Bolt Cuts, strips 22 to 10 gauge crimps insulated, non-insu terms. Slices 6 bolt sizes: 5-40, 6-32, 8-32, 10-32, 10-24
26 C 2048. Wt., 1 lb. . . . .



B K. Miller 101-S Wire Stripper. Strips, cuts wire up to No. 8. Spring-lock holds blades closed when not in use. 5-inches long overall.
26 C 1392. Shpg. wt., 4 oz. 1.27

C K. Miller Coaxial Cable Stripper. Strips, cuts and slits cable. Has adjustable blades for RG59U coaxial cable. Shpg. wt., 8 oz.
26 C 1339 . . . . 13.75

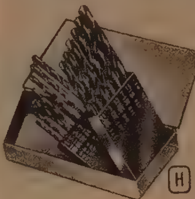
D G-C Wire Stripper Kit. Includes Model 766 wire stripper; 7 blades. For No. 8 to 30 gauge wire. Plastic case. Wt., 2¼ lbs.
26 C 1389 . . . . 13.16
26 C 1387. 766. Stripper Alone. For 12-20 wire. Wt., 1¼ lbs. 5.93
26 C 1388. 766A. Stripper Alone. For 14-30 wire. Wt., 1¼ lbs. 5.93

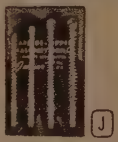
E G-C 802 Wire Stripper. Auton stop, return. Has wire cu For No. 10-22 wires. 8 oz.
26 C 1341 . . . .

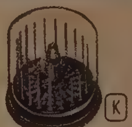
F Blonder-Tongue Coaxial Cable per. Strips cable up to ½-inc ameter. Scale for exact strip measurements. Uses single-edg zor blade. Holds cable under sp tension. Heavy steel construc
26 C 2169. Shpg. wt., 4 oz. . . . .

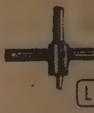
G Utica SW-1 "Stripwright" Stripper. Strips Teflon® many other insulations. Pos cam-action adjust to correct sizes from No. 12 to No. 26. ideal stripping tool for limited a areas. Shpg. wt., 7 oz.
26 C 1680 . . . .

Precision High-Speed Drill Bits









H 15-Drill Set. 1/16 to ½" in 32nds. Steel index.
26 C 2137. Wt., 2¼ lbs. 14.50

21-Drill Set. 1/16 to ⅜" in 64ths. Steel index. Wt., 1¾ lbs.
26 C 2173 . . . . 12.50

29-Drill Set. 1/16 to ½" in 64ths. Steel index. Wt., 3¾ lbs.
26 C 2200 . . . . 24.99

60-Number Size Drill Set. Sizes 1 to 60. Steel index. Wt., 1¼ lbs.
26 C 3244 . . . . 17.99

5-Piece Drill Set. ¼" shank. Sizes: ¼, 5/16, ⅜, 7/16, ½. Plastic pouch. Shpg. wt., 5 oz.
26 C 2208 . . . . 7.95

10-Piece Drill Set. 1/16, 5/64, 3/32, 7/64, ⅛, 9/64, 5/32, 3/16, 7/32, ¼". Steel index. Wt., 5 oz.
26 C 2254 . . . . 3.79

13-Drill Set. 1/16 to ¼" in 64ths. Steel index. Wt., 8 oz.
26 C 2277 . . . . 4.99

17-Drill Set. 1/16 to ¼" in 64ths; 5/16, ⅜, 7/16, ½". ¼" shank. Steel index.
26 C 2289. Wt., 2 lbs. 11.95

12-Piece Drill Set. Sizes from 1/ ¼" in 64ths. Includes center pu With roll-up pouch.
26 C 3238. Shpg. wt., 9 oz. . . .

13-Piece Drill Set. 1/16" to ½" in 3 Drill sizes over ¼" have ¼" sh With roll-up pouch.
26 C 3239. Shpg. wt., 3 lbs. . . .

J Masonry Set. ¼", 5/16", ⅜". Sizes over ¼" have ¼" sha
26 C 3248. Shpg. wt., 5 oz. . . .

K Miniature Set. Twenty drills No. 61 (.039") to No. 80 (.01
26 C 2291. Shpg. wt., 6 oz. . . .

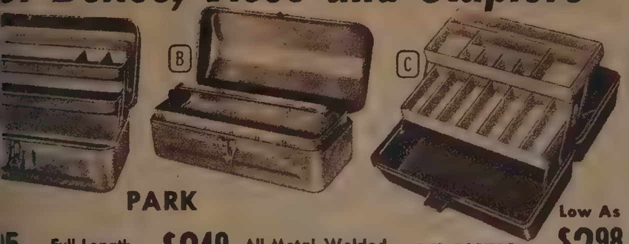
L General Hardware Circle Cu Round shanks fit drill p square shanks fit hand brace. drill keeps circle cutter cent Cuts wood, plastic, steel. 8 oz.

Stock No.	Shank	Hole Size
26 C 1245	Round ¼"	⅞-4"
26 C 1246	Square	1-6"
26 C 1247	Round 5/16"	1-6"
26 C 1224	Round ½"	1-6"
26 C 1225	Round ½"	1¾-8"

26 C 1248. Extra Blades for Circle ters. Av. wt., 4 oz. . . . . Each

Allied Has Giant Stocks of Quality Tools and Accesso

ol Boxes, Vises and Staplers



5 Full-Length Integral Hinge **$3.49** All-Metal Welded Construction **VLCHEK** Low As **$2.98**

Metal and Plastic Tool and Utility Boxes

rk Type 132 Metal Tool Box. All-purpose x for tackle, tools, sewing. Two cantileays. Enamel finish. 5¾x13½x6½".
1152 X. Shpg. wt., 5 lbs. 2.95

131. Above, one tray. 4½x13½x6½".
1153 X. Shpg. wt., 3 lbs. 1.95

rk Type 151-T. Metal, for hand tools. Lift- tray. Heavy-gauge steel, full-length clasp lock. Edges turned, welded. l enamel. 4⅞x15x6½".
660 X. Shpg. wt., 4½ lbs. 3.49

C **Vlchek Model 1212 "Crushproof" Plastic Tool Box.** Guaranteed unbreakable. Has two trays, with 14 compartments. Top and bottom open flat, cannot tip. Unbreakable polypropylene. Rustproof hardware. Green. 6x12⅜x7".
26 C 1772 X. Wt., 2½ lbs. 3.98

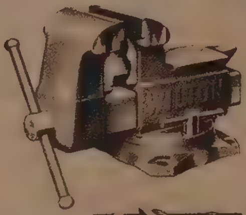
Model 1211. Above, but one tray. Green. 4⅝x12⅜x7".
26 C 3156 X. Wt., 2 lbs. . . . 2.98

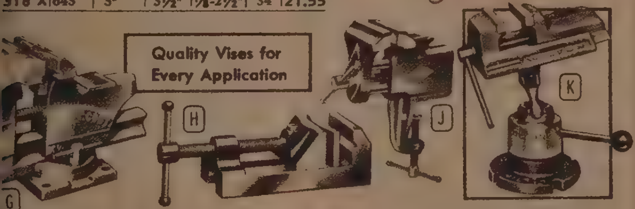
ench Vises for Home, Shop and Electronic Work

lton Vises for Home Workshops

rpose vise features replaceable cap reinforced forming horn, swivel base, ed anvil, serrated steel replaceable top Also, 3/16" formed steel slide. Grey finish. ates pipe capacity.

ek o.	Mfr's Type	Jaw Width	Max. Open	*	Wt., Lbs.	EACH
315 X	643½	3½"	4"	⅛-2"	19	12.45
316 X	644	4¼"	4½"	⅛-2½"	26	18.95
318 X	645	5"	5½"	⅛-2½"	34	21.55





Quality Vises for Every Application
H
J
K
G

ilton C55. Serrated inserts, pipe jaws. Swiv. Anvil. Jaws, 4½" w., 3" d., open 4½".
1489 X. Shpg. wt., 19 lbs. 7.95
2203 X. C53½. Above, 3½" jaw. 11 lbs. . 5.49

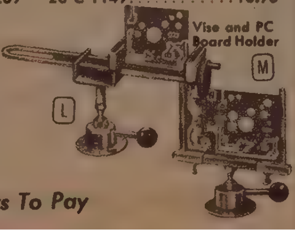
llers Falls Deluxe 217. Use on drill press, rk bench. Jaws, 2⅜ wide; faces extend to Swivel jaw.
1321. Shpg. wt., 5 lbs. 8.99

ink and Cotton 149 Hobbyist. Holds small rts. Clamps to bench up to 1¾" thick. , 1¾" wide; open to 1¾".
1317. Shpg. wt., 2¾ lbs. 1.89

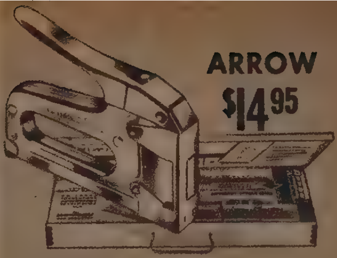
ilton Model 353 Electronics Vise with Poioner. For small PC boards, etc. Rubbered jaws. Bars adjust to 6½".
2210. Shpg. wt., 3 lbs. 14.95

ilton Model 371 PC Holder and Positioner. rackets adjust horizontally 3" to 6". cal posts are V-grooved (⅛" wide, 3/16" . Post height, 4".
2211. Shpg. wt., 2 lbs. 11.95

K **Wilton Model 364 Vise and Positioner.** The most convenient tool you have ever used for holding small parts. Single-handed control of "PowRarm" positioner leaves one hand free, permits rotating or tilting of work. Maximum work weight, 15 lbs. at 6-inches. Jaws open to 2¼-inches and are 2¼-inches wide. Shpg. wt., 5 lbs.
26 C 1149. . . . . 16.95

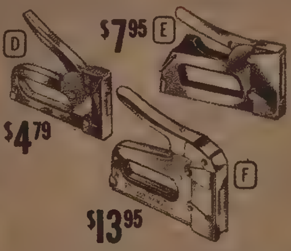


Vise and PC Board Holder
M
L



T-50MP Complete Stapling Kit
Features heavy-duty T-50 stapler with powerful double-leverage action, jam-proof mechanism. Mend screens and window shades; fasten ceiling tile, wire; hang party decorations—hundreds of uses. Includes: T-50 staple gun; screen; shade attachments; staple lifter; 2000—¼", 1000—⅜", 1000—½" staples; 1000 Ceil-Tile staples. T-50 uses ¼" to 9/16" staples. Order extra staples below.
26 C 1466. Kit. Wt., 4¾ lbs. 14.95

26 C 2653. T-50 Staple Gun Alone. Shpg. wt., 2¼ lbs. 10.95



D **JT-21 JR.** Low-priced stapling gun. Safety lock handle, staple extractor, visual refill aid. Loads 100—.025 staples. 3x6⅛x¾". Order staples below.
26 C 1249. Wt., 1 lb. 4.79

E **T-55.** Medium-duty gun. Similar to T-50. Non-pinch, easy-grip handle. Order staples below.
26 C 2307. Wt., 2 lbs. 7.95

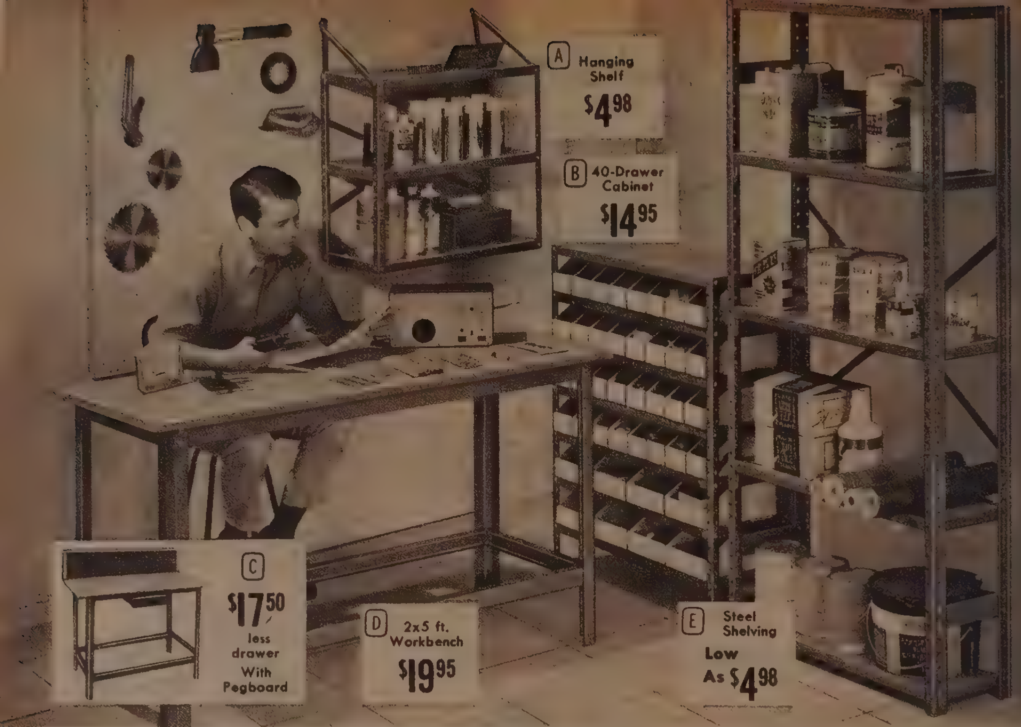
Wire and Cable Staplers

F **T-75.** Heavy-duty gun handles up to ½" wire, cable, tubing. Flat crown staples hold firmly. Tapered striking edge for close corners. Order staples below
26 C 2314. Wt., 2¼ lbs. 13.95

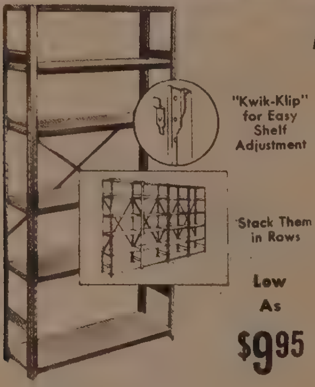
26 C 1467. T-25 Wire Stapler. For low-voltage ¼" wire. Grooved blade positions wire. 2¼ lbs. . 13.95

Arrow Gun Staples. *Indicates ceiling tile for T50, T55. Wt., 1 lb.

Stock No.	For Model	Size	Quantity	EA.
26 C 2337	T50, T55	¼"	5000	2.13
26 C 1273	T50, T55	⅜"	5000	2.34
26 C 2343	T50, T55	½"	5000	2.76
26 C 2654	T50, T55	*	5000	3.19
26 C 2344	JT-21	¼"	5000	2.65
26 C 2365	JT-21	5/16"	5000	2.65
26 C 2366	T-25	⅜"	5000	3.40
26 C 2387	T-25	9/16"	5000	3.83
26 C 2390	T-75	9/16"	1000	1.91
26 C 2409	T-25	⅝"	1000	1.91
26 C 2410	T-75	⅞"	1000	2.13


A Hanging Shelf $4.98
B 40-Drawer Cabinet $14.95
C $17.50 less drawer With Pegboard
D 2x5 ft. Workbench $19.95
E Steel Shelving Low As $4.98

EDSAL Workshop Equipment


"Kwik-Klip" for Easy Shelf Adjustment
Stack Them in Rows
Low As $9.95

Deluxe All-Steel Racks

All-purpose utility racks with hundreds of practical applications in home or industry. Assembles with simple hand tools—just bolt tops and bottoms together. "Kwik-Klip" fasteners secure the shelves to the frame, making each shelf completely and individually adjustable. Mounting holes in posts are at convenient 1" intervals. Each heavy-duty shelf supports up to 500 lbs. Rack has 5 shelves with upright brackets. Overall height: 75", width 36". Rust resistant Gray enamel. Knocked down.

With 12" Deep Shelves.
26 C 1783 U. Wt., 47 lbs..........9.95
26 C 1784 Z. **With 18" Deep Shelves.** Shpg. wt., 60 lbs..........12.95
26 C 1781 X. **12" Shelf.** 6 lbs..........1.69
26 C 1782 X. **18" Shelf.** 8 lbs..........2.19

A Steel Hanging Shelf

A heavy-duty, all-steel hanging shelf for off the floor storage in garages, basements, workshop areas. Quickly assembled and hung on easy-to-mount wall brackets. Gray baked enamel finish. 12x30x25" high. Knocked down.
26 C 1942 X. Wt., 16 lbs..........4.98

B Multi-Drawer Cabinets

40-Drawer Cabinet. Holds everything from small tools to electronic components. Features 32 big 4x11" and 8 jumbo-sized 8x11" drawers. One-piece drawers of sturdy corrugated-board construction. Special stop-tab keeps drawers from being pushed in or pulled out too far. All-steel frame 37x36x12". Shpd. knocked-down.
26 C 2145 Z. Wt., 37 lbs..........14.95

15-Drawer Cabinet. Similar to above, but with 12 drawers 4x11", 3 drawers 8x11". Overall size: 26x21x12". Shpg. wt., 24 lbs.
26 C 2470 Z...........6.98

2x4-Ft. Steel-Frame Bench

C 2x4-ft. workbench has full-length pegboard tool and parts rack with enough room for a complete tool assortment. Has space for two storage drawers (not included, listed below). Work surface is 34½" from floor. Gray enamel finish. Knocked down.
26 C 1523 Z. Shpg. wt., 70 lbs....17.50

Steel Storage Drawer. Easily attached to either workbench listed above. Gray enamel finish. 3x12x20" deep. Shpg. wt., 12 lbs.
26 C 1524 X...........3.19

2x5-Ft. Steel-Frame Benc

D 2x5-ft. deluxe workbench feat a full 10 square feet of wor space. Can support over 200 lbs sq.-ft. 1" No-Mar top and sturdy piece heavy-gauge welded steel that take rough use in stride. Ac modates two drawers (not inclu listed below left). Work surface from floor. Gray baked enamel parts fight rust and corrosion. Kno down. Shpg. wt., 76 lbs.
26 C 2563 Z. *$5 Monthly*..........

E All-Steel Storage Rac

Sturdy, all-steel storage racks for storing bulky and oversize it paint cans, bottles, cartons, etc. M um-weight, each shelf holds up to lbs. Height between shelves is ad able on 1½" centers. Each she held firmly in place by 8 bolts plied). Special rust and corro resistant finish. Order extra sh from tables below.

Storage Racks

Stock No.	No. Shelves	HxWxD	Wt., Lbs.	E
26 C 3262 U	4	60x30x12"	19	
26 C 3263 U	5	66x30x12"	22	
26 C 3256 U	5	73x36x12"	32	
26 C 3257 U	5	73x36x18"	41	

Extra Shelves for Above Racks

Stock No.	For Use With	Wt., Lbs.	E
26 C 3264 X	60" and 66" Units	2	
26 C 3258 X	73x36x12" Units	3	
26 C 3259 X	73x36x18" Units	6	

ARK Boxes for Parts and Tools

3-Drawer Machinists Chest

23N. Drawers have full-suspension .des; lock when cover is closed. ıshing drawer closed locks draw- even if cover is closed. 4″-high l in top for large tools. Drawers :e each 1½″ high. Full-length nge. Electrically welded. Sili- ne-treated baked green finish. ¼x20x8½″. 18 lbs.
C 2506 X. 12.95

22. As above, 2 drawers 9¾″ high.
C 2149 X. Wt., 16 lbs. 11.95

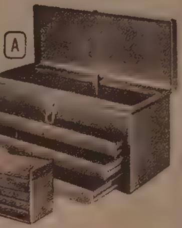
B 4-Tray Tool Box

80. Four cantilever-mounted ays, 2 partially-partitioned. Stor- e space below trays. Welded ams, integral full-length hinge. 2 aw-bolts plus padlock eye. 10x x8½″. Silicone-treated baked een. 13½ lbs.
C 2144 X. 11.95

C 1774 X. 1780. As above, but x17x8½″. 11 lbs. 10.95

C Mechanics Tool Box

C. Partitioned cantilever tray r small parts, and space for tools low tray. Integral full length nge. Sturdy drawbolt can be dlocked. Baked green enamel. 18x9″. Shpg. wt., 9 lbs.
C 3150 X. 5.95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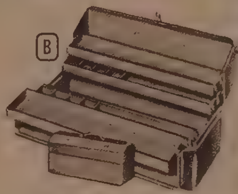

B

C

Model 1000

D

E

Park Heavy-Duty Machinists Chests

Low As **$29.95**
$5 monthly

- Built to Last a Lifetime
- Felt-Lined Drawers
- Pin-Tumbler Chest Lock

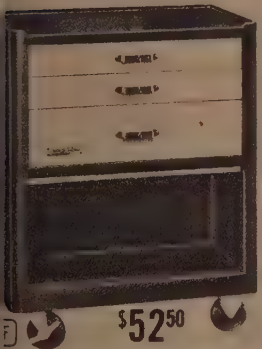
Model 1000. Stores, protects precision tools. Ideal for machinists, electronics and automotive workers. Full-suspension drawer slides allow full extension; drawers remove for cleaning. Removable front panel locks when cover is closed, stores in bottom compartment when open. One-piece drawbolts, plus pin tumbler lock. Till in top, 4x20x8½″. 6 drawers are 1x8⅝x7½″. 4 others: 2x8⅝x7½″; 1½x18¼x7½″; 2⅜x18¼x7½″; 3x18¼x7½″. Electrically welded heavy-gauge steel. Brown baked enamel finish. 17½x20x8½″.
26 C 2507 U. Wt., 40 lbs. *$5 Monthly*. 32.50

26 C 2508 U. 700. As above, but has 7 drawers. 4 drawers are 1x8⅝x7½″. 3 others: 2x8⅝x7½″; 1½x18¼x7½″; 2⅜x18¼x7½″. Size, 13¼x20x8½″. Wt., 30 lbs. 29.95

D 26 C 3712 X. **2-Drawer Add-On Chest.** For either above. 7¾x20x8½″. Wt., 15 lbs. . 12.95

E 26 C 3739 X. **3-Drawer Add-On Chest.** For either above. 7¾x20x8½″. Wt., 16 lbs. . 14.95

REM LINE


F $52.50

G $79.95

-Drawer Roller Cabinet

9002. Wrap-around construction, 4″ composition asters. 16-gauge base. Flush- -front drawers, 21½″ wide, ¾″ deep. Two drawers 2⅞″ gh; one, 5⅜″. Panel compart- ent, 26¼x12¼″. Lock, keys. ¾x26¾x17″. 93 lbs.
C 3947 Z. *$5 Monthly*. . .52.50

7-Drawer Roller Cabinet

G 9502. Two top drawers, 10½x16¾x1¾″. Others, 21½″ wide, 16¾″ deep. Height, two, 1¾″, two, 2⅞″, one, 4½″. Panel compartment, 26¼x12½x17″. I-beam slides; chrome plated pulls. Lock, keys. Red-enamel. 38x26¾x17″. 121 lbs.
26 C 3949 Z. *$5 Monthly*. .79.95

12-Drawer Tool Chest

1160. Six drawers, 1¾x5⅛x12½″; three, 1¾x11¼x 2½″; two; 1¾x23⅝x12½″; ne, 3¾x23⅝x12½″. I-beam ides, positive stops. Divided ay. Lock, keys. Rolled steel, ot-welded. Charcoal finish. ⅝x26x12⅝″. 85 lbs.
C 3945 Z. *$5 Monthly*. .69.95

6-Drawer Tool Chest

J 1100. Two drawers, 1¾x5⅛ 12½″; one, 1¾x11¼x12½″; two, 1¾x23⅝x12½″; one, 3¾x23⅝x12½″. Top full-width drawer is divided; divided tote tray. Lock, keys. Red-enamel drawers, charcoal finish. 15½x26x12⅝″. 61 lbs.
26 C 3932 Z. *$5 Monthly*. .43.50

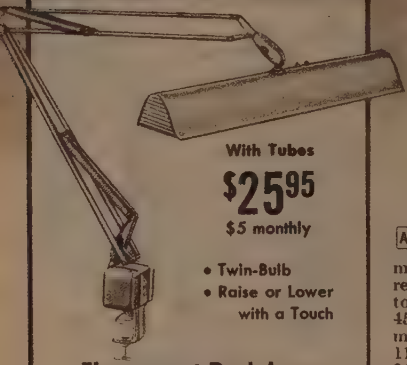
REM LINE

12 Drawers **$69.95** H

J

6 Drawers
$43.50

Adjustable Home and Office Lamps



With Tubes

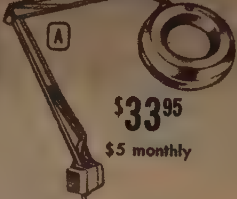
$25.95

$5 monthly

- Twin-Bulb
- Raise or Lower with a Touch

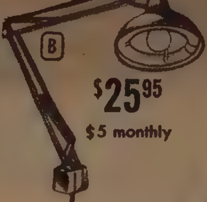
Fluorescent Desk Lamp

Luxo FL-1. Twin-light fluorescent lamp that's ideally suited for use in any office or home where a large area of bright, cool light is necessary. Lamp can be raised or lowered with a slight touch . . . yet arms are spring-controlled and counter-balanced to stay in place. Lamp swivels full 360°, has 45" reach. Gray enameled metal finish. Eight-ft. cord. Two type T8 Fluorescent Tubes included. Order mounting bracket desired, at right. U.L. Listed. For 110-120 volts, 60 Hz AC. Shpg. wt., 9 lbs.
26 C 3166 X. *$5 Monthly*. **25.95**



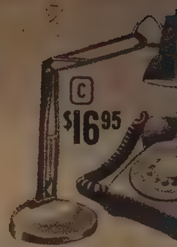
$33.95

$5 monthly



$25.95

$5 monthly



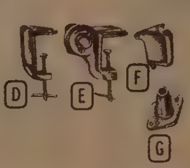
$16.95

A Luxo LFM-1 Fluorescent Magnifier Lamp. Has 5" magnifier ideal for miniature assembly, inspection, or reading fine print. Moves with a touch, stays in place. 360° swivel. 45" reach. Gray. With T9 tube. Order mtg. bracket below. U.L. Listed. 110-120 volts, 60 Hz AC.
26 C 3169 X. Wt., 8 lbs. **33.95**

B Luxo LC-1 Combination Lamp. Ha both incandescent and fluorescen lights . . . use together or separately Ideal illumination for color art. 45 reach. 360° swivel. Gray. With T Tube. Less std. 60-watt bulb. Orde mtg. bracket below. U.L. Listed. Fo 110-120 volts, 60 Hz AC.
26 C 3167 X. Wt., 9 lbs. **25.9**

C Luxo "Lil" Compact Desk Lamp. Compact, flexible lamp swings and stretche to 24", directs hi-intensity light where you need it most. Ideal for dar spots and tight corners. Moves with a touch, yet stays firmly in place wit spring-tension balancing. Cool, vented shade. Includes 7" base, or use with an mounting clamp below. With bulb. For 110-120 V, 60 Hz AC.
26 C 3278 X. Shpg. wt., 3 lbs. **16.9**

Mounting Brackets for All Lamps Above

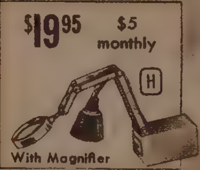


D Desk Clamp. For table or desk. Opens to 2¼". Shpg. wt., 1 lb.
26 C 2992. . . . .**1.68**

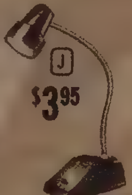
E Slanted Surface Clamp. Fits drafting board. Adjustable angle.
26 C 2995. Wt., 1 lb. . **2.62**

F Screw-Mount. For wal other vertical surface Three mtg. holes.
26 C 2993. Wt., 1 lb. . **1.6**

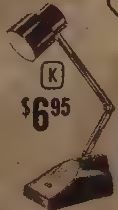
G Screw-Mount. For desk other level surfaces Two mounting holes.
26 C 2994. Wt., 1 lb. . **1.6**



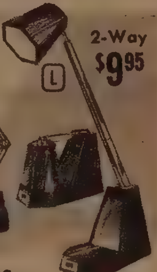
$19.95 $5 monthly



$3.95



$6.95



2-Way $9.95

Low-Voltage High-Intensity Lamps

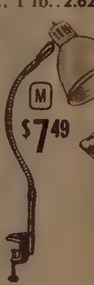
Built-in Transformer Reduces Voltage for Cool, Glare-Free Light

H Lamp/Magnifier. Two-power magnifier has 7" focus; swivels vertically, rotates. Lamp also swivels, extends to 12". Each moves independently. Hi-Lo switch for 500 or 250 footcandles. With #1133 bulb.
26 C 1810. Shpg. wt., 2½ lbs. **19.95**

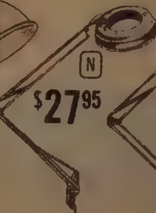
J Lowest Cost All-Purpose Lamp. Has 14" brass-plated flexible gooseneck. "Sure-Kool" shade has inner reflector that rotates 360°. Rosewood veneer on beige polystyrene base. 6-ft. cord. With #93 bulb. Japan.
26 C 3233. Shpg. wt., 2 lbs. **3.95**

K Versatile Lamp with Night Light. Ideal for children's room. Hi-Lo-Off switch. 12" chrome-plated-steel folding arm; Rosewood veneer inlay on beige polystyrene base. "Sure-Kool" shade, 6' cord. #1141 bulb. Japan.
26 C 3231. Shpg. wt., 2½ lbs. **6.95**

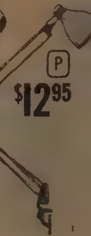
L 2-Way Executive Lamp. Features 12" chrome-plated brass telescopic arm; 3-position switch. Rosewood veneer inlaid on white polystyrene base. Flocked white shade; inner reflector; rotates 360°. #1133 bulb. Japan.
26 C 3230. Shpg. wt., 3 lbs. **9.95**
26 C 3147. Replacement #93 Bulbs. Wt., 2 oz. . . . .**Pkg. of 2/49¢**
26 C 3148. #1141 Bulbs . . . . **Pkg. 2/69¢** **26 C 3149. #1133 Bulbs** . . . . **Pkg. 2/49¢**



$7.49



$27.95



$12.95

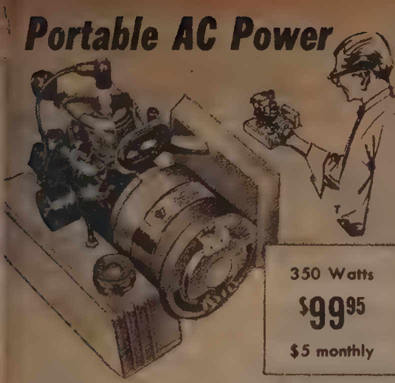
"Swing-O-Lite" Lamps

M Low-Cost Gooseneck Lamp. Flexibl neck extends over 30" circle. Shad rotates to direct light. Neutral gray finish With "C" mounting clamp for easy in stallation. With incandescent bulb. Fo 110-120 V, 60 Hz AC. 5 lbs.
26 C 3174 X. **7.4**

N Model BBM-9 Fluorescent Magnifier Lamp Has 5" lens with 13" focus. Sprin controlled, counterbalanced arm reache 45". Gray. "C" clamp bracket. T9 tub included. For 110-120 V, 60 Hz AC. Shpg wt., 10 lbs.
26 C 3175 U. *$5 Monthly*. **27.9**

P Model BB45C All-Purpose Lamp. Spring controlled arm extends 45"—adjust with a touch. Vented shade. Gray. "C" clamp. With incandescent bulb. For 110-120 V, 60 Hz AC.
26 C 3173 X. Shpg. wt., 5 lbs. **12.9**

Portable AC Power Plants



350 Watts

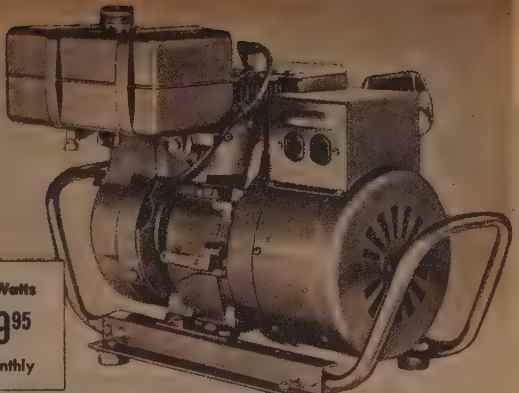
$99^{95}

$5 monthly

1250 Watts

$159^{95}

$8 monthly



Feather-Weight Generator

Tiny Tiger. Miniature gasoline-powered generator for instant electricity anywhere. Delivers 350 watts at 115 VAC or 12 amps at 12 VDC. Weighs only 14 pounds . . . so small you can carry it in your hand.

Charges batteries, operates electrical equipment in boats, cars, camps. A necessity in emergencies. One-hp engine runs at 6300 rpm, uses only 14 oz. of fuel per hour.

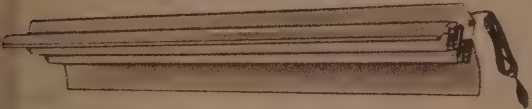
Runs 2½ hours with 30-minute cooling time. High-capacity magneto ignition; direct drive generator; spark arrester; muffler. All-metal construction. 10¼x8½x8½". Shpg. wt., 15 lbs.
26 C 3751 X. *$5 Monthly*........99.95

Emergency Power Portable Alternators

3600-rpm alternators offer ±5% voltage regulation, 25% reserve surge capacity. Lightweight revolving-field alternators have stationary stator coils, solid-state excitation. Automatic recoil starter requires minimum time and effort. Shock-mount design with muffler. 115 V units have two polarized receptacles; dual-voltage also have 115 and 230 V twist-locks. Fuel cap., 1 gal. except 5000-watt, 1½ gals. Made to NEMA standards. **Shpd. truck or express from Oshkosh, Wis. No C.O.D. orders.**

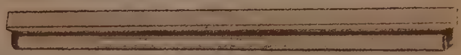
Stock No.	Volts	Watts	Rated Amps 115 V	Rated Amps 230 V	Outlets-AC 115 V	Outlets-AC 230 V	Horse-power	Size HxWxD	Wt., Lbs.	EACH
26 C 3290 ZF	115	1250	10.9	. .	2	......	3	18x24x19"	85	159.95
26 C 3291 ZF	115	1500	13.0	.	2	......	4	18x24x19"	87	199.95
26 C 3292 ZF	115	1750	15.2	.	2	......	4	18x24x19"	87	219.95
26 C 3293 ZF	115/230	2500	21.7	10.9	2	1	6	18x24x19"	99	289.95
26 C 3294 ZF	115/230	3000	26.1	13.0	3	1	7¼	18x28½x18"	148	329.95
26 C 3295 ZF	115/230	3500	30.4	15.2	3	1	7¼	18x28½x18"	148	379.95
26 C 3296 ZF	115/230	4000	35.0	17.5	3	1	8¼	18x28½x18¼"	158	399.95
26 C 3297 ZF	115/230	5000	43.5	21.8	3	1	10½	24½x31x20⅜"	200	499.95

Fluorescent Fixtures



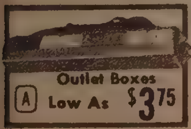
Canopy-Style Fixture. Rapid-start, with 6-ft. SJ cord and pull-chain switch. Plugs into existing outlet. With two 40-watt 48" fluorescent tubes. New "P" rated ballast with thermal protection. White. U.L. Listed. 13x4¾x48".
26 C 1922 X. Shpg. wt., 15 lbs.......................14.95

26 C 2546 X. Two-Tube Rapid-Start Fixture. As above, but without SJ power cord or switch. Shpg. wt., 15 lbs...13.95

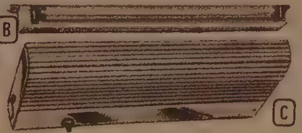


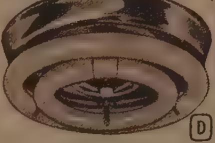
Strip Light Fixtures. Easy to install, with starter and fluorescent tube. White baked enamel. Normal power factor. U.L. Listed. †Rapid start type.

Stock No.	Type	Watts	Length	Lbs.	EACH
26 C 2547 X	S-120	20	25"	4	3.69
26 C 2548 X	S-140	40	49"	6	5.49
26 C 1919 X	S-140†	40	49"	6	6.95



Outlet Boxes Low As $3^{75}





A Handy AC Outlet Boxes. Short, heavy-duty AC outlet boxes. Rated 15 amps at 115 volts. Size, 13x2¼x1½", except MO-3, 5x2x1¼". On-off switch. MO types have pilot light. Fused or circuit breaker. Brown hammertone finish. *Four individually switched outlets. †3-wire.

CIRCUIT-BREAKER OUTLET BOXES

Stock No.	Mfr's Type	Out-lets	Wt., Lbs.	EACH
26 C 2197	†MO-GD-CB	6	2¼	10.29
26 C 2198	MO-CB	6	2¼	8.57
26 C 2199	*SS-CB	4	2¼	8.57

FUSED OUTLET BOXES

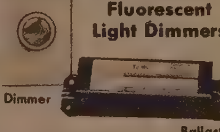
Stock No.	Mfr's Type	Out-lets	Wt., Lbs.	EACH
26 C 1948	†MO-GD	6	2¼	7.95
26 C 1949	MO	6	2¼	6.25
26 C 1950	*SS	4	2¼	6.25
26 C 1951	MO-3	3	1½	3.75

B 15-Watt Pin-Up Strip Lamp. Easy to install anywhere. Size, 2x1½x20¾" long. With fluorescent tube, 6-ft. cord, plug, AC outlet, switch. U.L. Listed. For 115 VAC. Shpg. wt., 3 lbs.
26 C 1923 X.......................5.95

C 15-Watt Under-Cabinet Fixture. Sticks up with Scotchmount®—no screws, no drilling. Bronze color. 1⅛x5¼x18½". With tube, cord, plug, switch. U.L. Listed. For 110-125 V, 60 Hz AC.
26 C 3237. Wt., 4 lbs...............5.95

D Circline-Style Ceiling Fixture. Chromed. Extends 3 to 4" below ceiling. Use with wall switch. With 12" 32-watt and 16" 40-watt rapid-start tubes. U.L. Listed. For 115 VAC. Shpg. wt., 10 lbs.
26 C 3235 X.......................14.95

LUTRON
Fluorescent Light Dimmers



Model T-14. Now you can dim your fluorescent lamps. Control adj. light from off to full brightness. For 4 to 14, 40-W lamps. Order ballast below.
26 C 1902. 1 lb.....17.98

Model T-8. Above, but for 1 to 8, 40-W lamps.
26 C 3289 8 oz......12.95

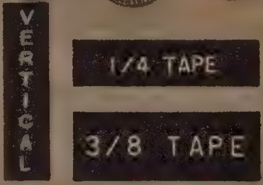
Model BT-1 Dimmer Ballast. 1 needed per 40-W lamp.
26 C 3298. 2 lbs......6.95

Dymo Labelmakers for Everyone

Deluxe All-Metal Tapewriter Outfit

$19⁹⁵

$5 monthly



Deluxe Outfit Prints ¼", ⅜", and Vertically

M-10. Our best selling labeling outfit. Labelmaker is polished-chrome-finished for durability and smart appearance. Includes: embossing tool, three wheels, 10 rolls of tape, and compact 3x6x9" storage case. One wheel embosses standard-size characters on ¼" tape, one embosses giant-size characters on ⅜" tape, and one wheel embosses vertically! Five ⅜" and five ¼" rolls of assorted-color tape. (See below for extra-color or replacement tapes.) Shpg. wt., 2 lbs.

26 C 1355. *$5 Monthly*........19.95

26 C 1353. M-10 Tapewriter Alone. With two wheels and 12-ft. roll of tape. Shpg. wt., 13 oz........14.95

New Low-Cost Home Labelmaker Kit

$6⁹⁵

- **For ⅜" Vinyl Tape**
- **With Extra Wheel for Vertical Letters, 3 Tape Magazines**

Model 1700. Sturdy high-impact plastic labelmaker takes ⅜" vinyl tape in easy-to-use magazine. Has automatic pull-tab cut-off. Kit includes standard embossing wheel for 0.150"-high characters, special wheel for vertical letters, three magazines of vinyl tape, case. Extra tape below.

26 C 3936. Shpg. wt., 1 lb........6.95

26 C 3968. 1700 Tool Alone. With two embossing wheels, magazine of tape. Shpg. wt., 12 oz........4.95

Low-Cost Kit with Plastic Labelmaker

1/4 TAPE
3/8 TAPE

Embosses Both ¼" and ⅜" Tapes **$9⁸⁸**

Model M-6. For office, workshop or home use. Makes raised-letter labels that are self-adhesive, permanent and waterproof. Just dial each letter, number, or symbol and squeeze the handle. When finished, squeeze trigger to snip off label. Kit includes: high-impact plastic embossing tool, two wheels for large and small characters, three ⅜" and two ¼" rolls of tape, plus case. (See extra tapes below.)

26 C 3183. Shpg. wt., 1½ lbs........9.88

26 C 3184. Tool Alone. Shpg. wt., 10 oz........6.88

$34⁹⁵ $5 monthly

Deluxe Kit Embosses ⅜" and ½" Tapes

M-20. For versatility and large-tape jobs. Includes precision-made embossing tool, 3 wheels, five ⅜" and five ½" tapes, carrying case. Wheel for ⅜" tape embosses basic-size letters, ½" wheel for giant letters. 3rd wheel embosses letters vertically!

26 C 3185. Wt., 4 lbs. *$5 Monthly*........34.95

26 C 3186. Tool Alone. Shpg. wt., 2½ lbs........24.95

Your Choice

¼" or ⅜"

$2⁸⁸

Budget-Line Labelmakers

Perfect for light-duty embossing work. 6½" tough plastic body is extremely resistant to breakage and chipping. Embosses 40 different characters. Choice of model with ¼" or ⅜" wheel. Order tape from listing below. 10 oz.

26 C 2142. M-4. For use with ¼" tape (below)........2.88

26 C 2803. M-38. For use with ⅜" tape (below)........2.88

Genuine DYMO Label-Making Tape for All Tapewriters on This Page

Stick to almost any clean, smooth surface. Can even be used outside; hold-up well in all weather. In solid and gold-striped colors. Colors (not size) may be assorted for extra savings. Av. shpg. wt., 1 oz.

Stock No.	Tape Size	Use With Labelmaker	Ft.	Type	Colors—Be Sure to Specify Choice	EACH ROLL	
						1-2	3-Up
26 C 2473 C	¼"	M-4, M-6, M-10	12	Solid	Clear, Red, Orng., Blue, Grn., Yel., Brn., Blk., Gray, Gold, Walnut	.89	.75
26 C 1884 C	⅜"	M-38, 1700, M-6, M-10, M-20	12	Solid	Red, Orng., Blue, Grn., Yel., Brn., Blk., Gold, Walnut	.99	.89
26 C 2017 C	⅜"	M-38, 1700, M-6, M-10, M-20	10	Stripe	Red, Blue, Grn., Brn., Blk. (gold edges)	1.35	1.19
26 C 1903 C	½"	M-20	12	Solid	Clear, Red, Orng., Blue, Grn., Brn., Blk., Walnut, Yel., Gray	1.49	1.25
26 C 2009 C	½"	M-20	12	Stripe	Red, Blue, Grn., Brn., Blk. (gold edges)	1.79	1.59

Drawing Sets, Slide Rules and Templates

POST Complete Drafting Outfits

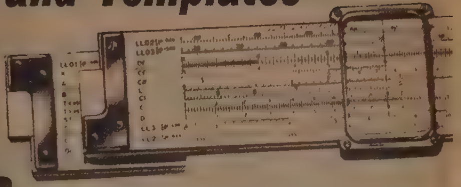
A
B
POST
POST

Save $1.95
Low-Cost Outfit
$14.95

Save $2.95
Deluxe Outfit
$19.95

A Drawing Set Instrument Set Outfit. *Drawing Set:* 16x21″ board; 21″ wood T-square; 8″ 30° and 6″ 45° triangles; 4″ plastic protractor; ead pointer; "Pink Pearl" eraser; art gum eraser; 24 sheets 12x18″ aper, case. *Instrument Set:* 4″ bow compass-combination pen and encil; 4″ bow divider; 5¾″ plain divider; 5¾″ combination friction ompass with self-contained extension bar; 4½″ ruling pen; extra uling pen handle for compass pen part; vial, extra leads, needle oints, metal case. Instrument set from West Germany. Wt., 8 lbs.
26 C 1991 X. Complete Outfit........14.95
26 C 1992 X. Drawing Set Alone. Shpg. wt., 7 lbs........8.95
26 C 1993. Instrument Set Alone. Shpg. wt., 1 lb........7.95

B Deluxe Drawing Set Instrument Set Outfit. *Drawing Set:* 18x24″ board; 24″ wood T-square; architect's scale; 10″ 30° triangle; 8″ 45° riangle; curve; 5″ plastic protractor; 2H, 4H pencils; lead pointer; ape; art gum eraser; 6 sheets 12x18″ paper; erasing shield; Ames ettering guide; dusting brush; plastic case. *Instrument Set:* 6″ and 4¼″ bow compasses, pencil and divider parts, center wheel adjustment; 5¼″ plain dividers with straightening device, leads, metal case. Nickel plated. W. Germany. Wt., 11 lbs.
26 C 2559 X. Complete Outfit. *$5 Monthly*........19.95
26 C 2011 X. Drawing Set Alone. Shpg. wt., 10 lbs........12.95
26 C 2073. Instrument Set Alone. Shpg. wt., 1 lb........9.95



Pickett Precision All-Aluminum Slide Rules

- Rugged Aluminum Construction
- Precise, Smooth Operation

N16ES Electronic/Electrical Slide Rule. Log log dual base exponential rule, ideal for professionals and advanced students. Has 16 standard plus 18 special scales to reduce the number of settings and "read and transfer" steps required. Perfect for such complex problems as: Xc and X_L, resonant frequency, RC coupling, time constant, etc. Ten-inch scale in Eye-Saver yellow. With instruction manual, leather case. 1½ lbs.
26 C 2790 S. *$5 Monthly*........29.95

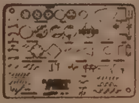
N3 Synchrolog Dual Base Log Log Exponential Speed Rule. Precision rule has 32 scale sections, functionally grouped for speed and accuracy. 80″ Log Log scales have range from .00005 to .9999 and 1.001 to 22,000. The Ln scale puts exponents and logarithms directly to base e. 30″ cube/cube root, 20″ square/square root, 20″ T scales. Yellow. Leather case.
26 C 2792 S. Wt., 1½ lbs. *$5 Monthly*...24.95

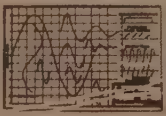
N4 Vectorlog Dual Base Log Log Exponential Speed Rule. Superb instrument features 34 functionally-grouped scale sections. Includes 80″ LL scales, xe^{-33} to e^{23} and 10^{-10} to 10^{10}, plus L and new Ln scales. C, D and CI are on both sides. Also has scales for hyperbolic tangents (TH), sines (SH). Yellow. 1½ lbs.
26 C 2796 S. *$5 Monthly*........28.50

N1010 Powertrig Slide Rule. Popular trig rule is perfect for students, businessmen and others who do not require Log Log scales. Red and black numerals color code direction and relationships. Eye-Saver yellow. With instruction manual, leather case.
26 C 2804 S. Wt., 1½ lbs........12.95

N600 Dual Base Log Log Pocket Slide Rule. Six-inch rule with 30″ Log Log scales on one side, all Trig scales on the slide. Has 22 scales. Yellow. Pocket clip case. 5 oz.
26 C 2814 S........9.95

Pickett Electronic Symbols and Components Templates





1279 Electronic Symbols Template. Plastic template has symbols for tubes, resistors, many other common components. Size, 9¾x5⅛x.030″.
26 C 2821. Wt., 2 oz........3.98

1280 Electric Components Template. Includes most commonly used symbols for schematics: switch, plugs, instruments, etc. Size, 9¾x5⅛x.030″.
26 C 2849. Wt. 2 oz........3.98

1277 Sine Curve and Wave Form Template. Plastic template includes synchronized and normal sine and modulated wave forms. 8¼x5½x.030″.
26 C 2851. Wt., 2 oz........2.69

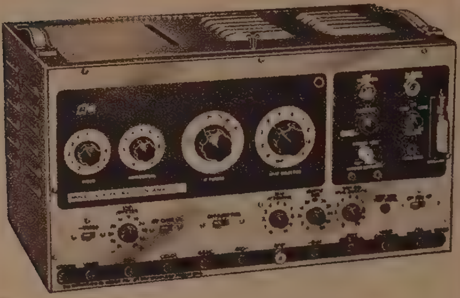
1610 Electronic Components Template. Contours combine for easy drawing of radio, TV and electronic components. Size, 9x5x.030″. 2 oz.
26 C 2853........2.98

1619 Transistor Outline Template. Conforms to Military Standard 15A. Ideal for electronics designers and engineers. 9½x5⅛x.030″. 2 oz.
26 C 2864........2.69

1602 Electric Components Template. Features the latest revisions in electronic components; transformers, tubes, etc. 6½x3½x.040″. 2 oz.
26 C 2928........1.50

B & K Test Equipment for TV and Radio

Deluxe 1076 TV Analyst



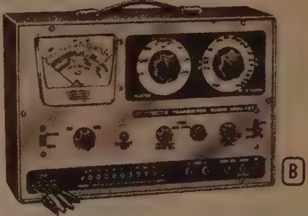
Model 1076
$329⁹⁵
$16 monthly

- Pinpoint TV Troubles in Minutes
- Ideal Signal Generating Source
- Directly Modulates Picture Tubes
- Color Convergence Patterns
- Crystal-Controlled Color Patterns

Combines a miniature TV transmitter with a complete circuit analyzer. Directly injects RF, IF, video or audio signals into any stage of black-and-white or color set—lets you view results directly on set's screen. Injects horizontal and vertical sync, plus plate and grid drive for sync and sweep checks. Switch selection of channels 2-13. Has negative bias supply; AGC keying pulse; high-level signal for direct modulation of picture tubes. Also generates white dot, crosshatch and color bar patterns for accurate convergence adjustments of color sets. Crystal-controlled rainbow and color bar patterns test synchronization, range or hue control, and align demodulators. Ventilated case, 10¼x17x10". Has two top-mounted carrying handles. For 110-120 volts, 60 Hz AC. Shpg. wt., 29 lbs.
21 C 4169 U. *$16 Monthly*...............329.95

All-in-One Transistor Radio Analysts

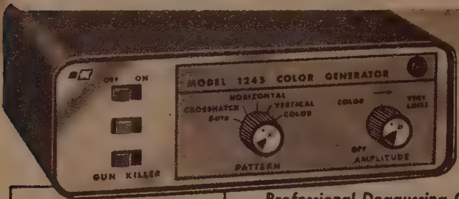
Model 970
Eight-in-One Analyzer
$199⁹⁵
$10 monthly



Model 960
Six-in-One Analyzer
$99⁹⁵
$5 monthly

A **Model 970.** Combines signal tracer, in-circuit and out-of-circuit transistor tester, AM, FM, RF, IF and audio generators, 1.5-15 VDC supply. Traces circuits stage by stage. Tests transistors in-circuit with "Dyna-Trace" probe; out-of-circuit for leakage, beta (0-300). Ranges: VDC, 0-2-20-200-500; mA, 0-2-200, A, 0-2-5; ohms, 0-50K-500K-5 meg. Size, 9x8x15¼". With Japanese-American transistor guide. 110-120 V, 60 Hz AC.
21 C 4367 U. Wt., 22¼ lbs. *$10 Monthly*...199.95

B **Model 960.** Has signal tracer, VTVM, ohmmeter, battery and transistor testers, 0-12 VDC power supply. Traces AM transistor radio circuits; checks transistors in circuit with single-point probe; out-of-circuit tests for leakage and beta. With Japanese-American transistor guide. Size, 12⅛x7¾x4⅛". For 110-120 V, 60 Hz AC.
21 C 4166 U. Wt., 9 lbs. *$5 Monthly*..........99.95



Save $12.60
with Degaussing Coil

Professional Degaussing Coil Only $1 More!

With Coil	1245 Alone
$135⁹⁵	$134⁹⁵
$7 monthly	$7 monthly

Model 1245 Portable Color Generator

For easy convergence and color adjustments. Connects directly to antenna terminals. Over 5000-mW RF output on TV channels 3, 4, 5. Crystal-controlled keyed rainbow color display, dot pattern, crosshatch, horizontal and vertical lines. Horizontal lines one scanning line thick. Small dots with adjustable brightness. 2¾x8¼x8⅞". With RF cable. 105-125 V, 60 Hz AC. Degaussing coil is 13" dia., has 9-ft. cord, on-off switch.
21 C 0001 L2U. Model 1245 and Coil. Wt., 6 lbs.....135.95
21 C 4448 U. Model 1245 Alone. Wt., 4 lbs..........134.95
21 C 4361. Degaussing Coil Alone. Wt., 2 lbs..........13.60

MODEL 1242 SOLID STATE COLOR GENERATOR
GUN KILLER
OFF
COLOR
PATTERN

Model 1242 Solid-State Color Bar/Pattern Generator

$99⁹⁵
$5 monthly

- Easy Color Convergence, Adjustment
- Reliable, Instant-On Solid-State Circuit
- Fast, Easy Connections to TV Receiver

Solid-state design provides outstanding reliability and high stability over a wide temperature range. For fast, easy color convergence and adjustments. Gives dot, crosshatch, horizontal and vertical lines, plus color patterns on channels 3 and 4. Has over 5000-μV RF output. Built-in gun killer has "mini-clips" for easy connection to set. Zener diode regulated power supply. Lightweight, rugged metal case with storage compartment for test leads and cables. Size, 2x6¾x9¾" deep. Complete with RF output cable. For 105-125 volts, 60 Hz AC.
21 C 4189 U. Shpg. wt., 2½ lbs. *$5 Monthly*........99.95

ccurate, Professional Test Equipment by B & K

Model 606
yna-Quik"
ube Tester

$79.95
$5 monthly

Model 707
)yna-Quik"
ube Tester

$189.95
$10 monthly

Model 606. Compact, emission-type tube tester is fast and accurate. Checks most commonly-used TV and lio tubes: nuvistors, 10-pins, 12-pin compactrons, VR's, /ratrons, auto radio hybrids, hi-fi and industrial tubes. sts under simulated load. Has four switches; 4½" Good-Replace scale; adjustable grid emission test with sensi-ity to over 100 megohms. Also makes accurate tests for orts, leakage and gas. Compact case, 8½x11x4½", latch-; cover. For 105-125 V, 50-60 Hz AC.
C 4164 X. Shpg. wt., 7 lbs. *$5 Monthly*..........79.95

Model 707. Professional, dynamic-type mutual conductance tester features multiple-socket plug-in and eck section, plus actual load condition testing. Checks lio and TV tubes, thyratrons, VR's, auto radio hybrids, iropean hi-fi and industrial tubes. Sockets check nu-tors, 10-pins, compactrons. Adjustable grid emission it—over 100 meg sensitivity. Also tests shorts, leakage, s, "life." 4½" meter with Good-?-Replace scale. 16⅛x ¾x5⅞". 105-125 V, 50-60 Hs AC.
C 4165 U. Shpg. wt., 16 lbs. *$10 Monthly*......189.95

MODEL 465 CRT TESTER

$89.95 *Handles New CRT Types*
$5 monthly

Model 465 CRT Tester/Rejuvenator

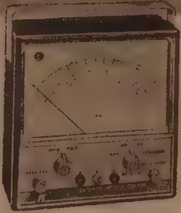
- Handles High and Low G_2 CRT Tubes
- Checks and Rejuvenates in TV Set
- Checks and Corrects Each Color Gun

Checks color or black-and-white CRT's for leakage, shorts, opens, emission. Checks gas content, predicts life; indicates expected picture tube quality. Operates tubes at correct filament (1-13) and G_1 and G_2 voltages. Handles Hi G_2 and Lo G_2 tubes. Tests, rejuvenates 100° tubes, 19" and 23" types, color tubes including 90° and 23" 23BG22. Checks and corrects each color gun separately. 4½" meter, neon indicators. Leatherette covered case, 14x8x4¾", latching cover. 105-125 V, 50-60 Hz AC.
21 C 4490 X. Wt., 11 lbs. *$5 Monthly*........89.95

801 Capacitor Analyst

$109.95 **Tests Energy, Leakage, Life, Much More**
$6 monthly

sts out-of-circuit for energy stor-e, life expectancy. Combined in-nal series resistance and useful pacity test. Tests in-circuit for orts, 10 pF to 2000 μF (low as 25-m shunt); opens, (low as 50-ohm unt), down to 25 μF. Direct leak-e reading; reads capacity from 10 -1μF. Size, 6x10x4½". For 110-0 V, 60 Hz AC.
C 4342 U. Wt., 11 lbs.... 109.95



161 Transistor Analyst

$89.95 **Test AC Beta, Leakage, Polarity, More**
$5 monthly

Checks transistors in-circuit for AC Beta; tests transistors, diodes, and rectifiers out-of-circuit for AC Beta and I_{CBO} leakage. Switch determines PNP or NPN. 7" meter. Circuit protects transistors even if connected incorrectly. Beta ranges, 2-100, 10-500. Leakage, 0-5000 μA. Leads. Size, 7⅛x7¼x3⅝". For 110-120 V, 60 Hz AC.
21 C 4463. Wt., 7 lbs........89.95

30-kV High-Voltage CRT Test Probe

NEW

$24.95 $5 monthly

Model HV-30. Specially designed high-voltage test probe for direct readings at TV CRT's. Needs no batteries. Features triple-insulated probe; sensitive 50-μA meter; soft-lined carrying case. Meter reads 0-30,000 VDC; has 16,000 ohms/volt DC sensitivity; individually calibrated at 25,000 volts. Accuracy, ±2% at 25,000 volts, ±3% full scale. Clip-on mount permits removal of meter from probe; auto-tilt stand for placement of meter in any position. 14½" long. Leads, case. 2 lbs.
21 C 4168..........24.95

Sencore Performance-Proven Test Instrument

MIGHTY MITE V
SENCORE
TC142 TUBE CHECKER

TC142 Mighty Mite V Cathode-Emission Tube Tester

$79⁵⁰ $5 monthly

- Tests Over 3000 Types
- Full Cathode Current
- Stethoscopic Short Test

Modern, versatile, reliable cathode-emission tube tester for the fast, accurate testing required by the professional serviceman. Third hand set-up booklet holder cuts setup time and speeds tube testing. Tests over 3000 types, including compactrons, novars, nuvistors, frame-grid and 10-pin types. Has magnoval socket for testing such tubes as 6BG5, 6FG6, 9ED4, etc. Grid leakage measured with 100-megohm VTVM circuit. Accurate stethoscopic-type short test. Vinyl-clad steel case, brushed chrome panel, detachable lid. Size, 10x9x3½″. For 115 VAC. Shpg. wt., 9 lbs.
21 C 4284 X. *$5 Monthly*..........79.50

SENCORE
NEW

MU150 Dynamic Mutual Conductance Tube Tester

$219⁵⁰ $11 monthly

- A True Gm Tester
- Cathode Emission Check
- Grid Leakage Tester

Speedy, accurate tester. Checks over 3000 foreign and domestic tubes. Full rated cathode current drawn from every tube, important when checking power and rectifier tubes. True Gm using 5000 Hz square wave. Laboratory accuracy; meter readings for Gm are in micromhos. 100-megohm grid leakage test to find contamination defects. Stethoscopic test that checks each element against others for shorts. Life test to find intermittents and temperature sensitive failures. Vinyl-clad steel attache case. Plastic-coated tube chart is tear-proof and washable. 115 VAC. 17x11x4″. Shpg. wt., 18 lbs.
21 C 4437 U. *$11 Monthly*.......219.50

SENCORE
PS148
NEW

PS148 Wideband Oscilloscop and Color TV Vectorscope

$219⁵⁰ $11 monthly

- Converts Instantly
- For Alignment of Co TV Chroma Circu

Combines high-sensitivity scope w vectorscope for complete troub shooting and color TV chroma circ alignment. Special vectorgraph scre shows degree of chroma demodulati View patterns recommended by Zen and RCA. Vertical amplifier specifi tions: Response, 10 Hz to 5.2 M ±1 dB; rise time, .055 μsec; sensitivi .017 V rms/in. Input impedance: meg with lo-capacity probe; 2.7 n with direct probe. Five sweep rang 5 Hz to 500 kHz. TV frequencies p set. Retrace blanking, standby swit Use with st'd color generator. 11x 15½″. 115 VAC. Direct/lo-cap pro
22 C 4438 U. 22 lbs. *$11 Monthly* 219

$99⁵⁰ $5 monthly

CR143 Color Picture Tube Tester

Tests color and black-and-white tubes. Automatically checks color-tube guns for tracking at all settings of TV brightness control. Short test, emission-test with pure DC, life test. Automatically-controlled rejuvenation circuit brings low-emission tubes to life, removes shorts, equalizes color-tube gun currents. Vinyl-covered steel case, chrome panel. 10x9x3½″. 115 VAC. Shpg. wt., 11 lbs
21 C 4286 U. *$5 Monthly*..........99.50

$49⁹⁵ $5 monthly

RC146 Component Substitutor

Provides 75 values of resistors, capacitors, electrolytics, and selenium and silicon rectifiers for fast substitution. Twelve 1-watt resistors, 10 to 5600 ohms; 12 ½-watt res., 10K ohms to 5.6 megs; 20-watt power res., 2.5-15,000 ohms; ten-600V caps, 100 pF to 0.5 μF; ten electrolytics, 2-250 μF, 450 V; 0.5 A universal selenium and silicon rect. Surge-protection. 10¼x4¾x4¾″. Shpg. wt., 3½ lbs.
21 C 4288 X. *$5 Monthly*.........49.95

$199⁵⁰ $10 monthly

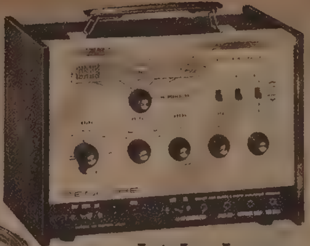
FS134 TV-FM Fiel Strength Meter

For quick antenna placement. Cove 50-110 MHz (TV Ch. 2-6 and FM 160-230 MHz (Ch. 7-13); 460- MHz (Ch. 14-83); Sensitivity: 300 μ Accuracy: VHF/FM, ±3 dB; UI ±6 dB. Meter calib.: 0-60 dB, 30,000 μV. X1, X10, X100. IF a image rejection: over 50 dB on VH FM; 30 dB on UHF. Input: 75 or ohms. built-in balun. Bandwidth: kHz. Speaker. 9½x10½x5″. Batter
21 C 4340 U. Wt., 12 lbs..........199

Outfit Your Test Bench Now—Use Your Allied Credit Fu

r the Radio and Television Serviceman—

Sencore—for the Latest in Servicing and Testing Equipment and Instruments



Tests From Tuner to Picture Tube

Battery-Powered—Ideal for In-Home Service

:G141 Color Bar Generator

49⁵⁰ monthly

- Temperature Controlled
- Solid-State Circuit
- All Standard Patterns

a-stable solid-state circuit. All-ther temperature-controlled color generator provides all standard -erns: RCA std. color bars, cross-h, white dots, vertical bars, hori-al bars. Controlled-position single and cross simplify static and dy-ic convergence. Interlace control, -output composite chrome and signal, crystal-controlled 4.5 z sound carrier, color-gun inter-ers. Front panel adjustments. l covered steel case. 10x9x$3\frac{1}{2}$″. V, 60 Hz AC. Shpg. wt., 9 lbs.
4314. *$8 Monthly*............149.50

CA122B Color TV Analyzer

$187⁵⁰ $10 monthly

- Five Useful Patterns
- Analyzing Signals
- Color Gun Interrupter

Five patterns—color bars, white dots, vertical and horizontal lines, cross-hatch, plus pattern with no modulation for purity checks and adjustment. Other analyzing signals solve RF, IF, audio, video, sync problems in color and b/w sets. 10 crystal-controlled keyed RCA-type bars give all colors at specified NTSC phases. Color gun interrupter for purity and convergence checks. Sync and video, ±0-30 V p-p. Crystal-controlled 4.5 MHz, 900 Hz signals. 10x14x8″. 115 VAC. Shpg. wt., 11 lbs.
21 C 4176 U. *$10 Monthly*.....187.50

CG10 Color Bar Generator

$89⁹⁵ $5 monthly

- Five-Function Generator
- Crystal-Controlled
- Unique Interlace Control

Lightweight, crystal-controlled solid-state 5-function generator. Stable color bars, dots, crosshatch, vertical, horizontal lines. 10 std. keyed RCA-type color bars at spec. NTSC phases. Unique interlace control stops dot bounce and pairing of horizontal lines. RF output pretuned to Ch. 4—adjustable to 2-6 from outside. Reserve output to 200% on color bars for service defect circuit. Steel vinyl case, $3\frac{1}{2}$x$10\frac{1}{4}$x$8\frac{1}{2}$″. Zener-reg. batt. power. Order 8 std. "C" cells, below.
21 C 4469. $5\frac{1}{2}$ lbs. *$5 Monthly*..89.95
18 C 5078. Batteries. 4 oz....Pkg. 2/33¢

A

B

C

D

69⁹⁵ $5 monthly

$64⁵⁰ $5 monthly

$94⁵⁰ $5 monthly

$89⁵⁰ $5 monthly

FE-14 Field-Effect VOM. FET's in differential circuit for zero warmup time, stability. 15 meg input res. DC, 10 g AC. $\frac{1}{2}$-V zero center scale. DCV and ACV rms: 0-1-3-30-100-300-1000; ACV p-p: 0-2.8-8.4-28-84-280-840-0. Ohms: 0-1000-10K-100K, 0-1000 meg. DC curr.: 00 μA, 0-1-10-100 mA, 1 A. $4\frac{1}{2}$″ meter. $7\frac{1}{2}$x$5\frac{1}{4}$x$3\frac{1}{16}$″. th leads. Req. 9 V batt., 1.5 V "C" batt.
C 4138. Shpg. wt., 4 lbs. *$5 Monthly*.............69.95
C 4139. **39A19 High-V Probe.** To 30 kV. 8 oz.........9.95

TR15A Transistor Tester. True AC signal gain test (Beta) without disconnecting leads. Measures AC Beta and out-of-circuit. Checks diodes and rectifiers in-and out-circuit. $4\frac{1}{2}$″ meter. Units under test protected. Switch ermines PNP-NPN. Zener diode regulated power supply high stability. Beta range: 2 to infinity. I_{cbo} reference, 000 μA. 5x$7\frac{3}{16}$x$3\frac{1}{16}$″. 115 VAC.
C 4129. Shpg. wt., 8 lbs. *$5 Monthly*.............64.50

C **SS137 TV Sweep Analyzer.** Solve sweep, sync, HV problems. Universal horizontal/vertical oscillators substitute for those in TV set—color or b/w. Horiz. yoke uses universal yoke in unit. Vertical yoke checked by driving with test signal to give full trace on TV screen. Flyback tests power transfer to universal yoke. 300 μA meter for AC, p-p, DC V, DC current, 2nd anode volts to 30,000 V. $9\frac{1}{4}$x$10\frac{1}{4}$x$3\frac{1}{2}$″. High-voltage probe, leads. 115 VAC.
21 C 4400. Shpg. wt., 10 lbs. *$5 Monthly*..............94.50

D **TR139 Transistor Tester.** Accurately tests transistors, diodes, rectifiers in- or out-of-circuit. In-circuit done without disconnecting leads. Measures true beta and I_{cbo}. Gives speedy "go or no-go" when testing diodes and rectifiers in circuit. 6″ meter. Ranges: Beta, 2-infinity; I_{cbo}, 0-5000 μA. Leatherette-covered steel case, brushed chrome-steel panel. 9x$7\frac{1}{2}$x6″. 115 VAC. Leads.
21 C 4518. Shpg. wt., 8 lbs. *$5 Monthly*..............89.50

RCA High-Accuracy Test Instruments

NEW
RCA
CHRO-BAR GENERATOR
WR-502A
PATTERN
FUNCTION
CHROMA
BATTERY

Color Bar Generator

$168^00 Solid-State, Crystal-Controlled Patterns
$9 monthly

WR-502A. Solid-state "Chro-Bar" color-bar/pattern generator provides all the displays needed for accurate adjustments of color TV receivers. Generates: color bars (gated rainbow); dots; crosshatch; horizontal and vertical lines; blank raster. Crystal-calibrated circuitry is especially designed to provide ultra-stable patterns with no flicker. Has separate gun killer switches; battery strength indicator; switch for spare battery. Color bar pattern provides ten bars spaced at 30° phased intervals (includes R-Y, B-Y, I and Q signals). Cast aluminum case. 6½x7x4". With batteries, leads.
21 C 4319 U. Shpg. wt., 5 lbs...168.00

Sine/Square Wave Generator

$95^00 Solid-State, Frequency Range, 20 Hz to 200 kHz
$5 monthly

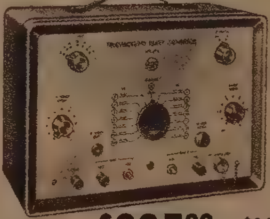
WA-504A. Provides tuneable sine or square wave audio frequency signal ideal for a wide variety of applications. Deluxe solid-state circuit design uses 6 transistors including an MOS type and two diodes. Produces an ultra-stable signal with an amplitude variation not exceeding 1.5 dB. Can be used for testing audio amplifiers; speakers and enclosures; finding L-C combinations in circuits. Frequency coverage, 20 Hz to 200 kHz in four ranges. Has calibrated front panel dial; precision vernier drive. Total sine wave harmonic distortion under 0.25%. 7¾x5⅝x4¾". Leads. 115 VAC.
21 C 4352. Shpg. wt., 5 lbs......95.00

Dual-Band 5" Scope

$269^00 For Color and Black-and-White TV with Test Probe
$14 monthly

WO-91C. Professional-quality 5" o loscope for accurate color or bl and-white TV servicing and test Has dual-band response; synch s rator for stable sweep lock-in composite signals; 10 Hz to 100 continuous sweep. Polarity reve switch. Dual-band response and se tivity: wideband; ±1 dB, 10 Hz to MHz; narrowband; –6 dB, 10 H 1.5 MHz or –1 dB, 10 Hz to MHz. Sensitivity: wideband, 0.15 p-p/inch; narrowband, 0.05 V inch. Compact case, 13½x9x1 deep. 117 VAC. With WG-300B Di Low-Capacitance test probe.
21 C 4543 U. Shpg. wt., 35 lbs..26

A **$129^00** $7 monthly



B **$295^00** $15 monthly

C **$256^50** $13 monthly

D **$18**

A **WR-64B Color Generator.** For accurate color TV trouble-shooting and convergence adjustments. Produces 10 color bars; dots and crosshatch patterns. Separate gun-killing switches; chroma-control checks color sync lock and AFC alignment. Color sub-carrier, horizontal, vertical, sync-pulse, crosshatch and bar frequencies are crystal-controlled for stable operation. 10x13½x8". For 117 VAC.
21 C 4191 U. Shpg. wt., 17 lbs. *$7 Monthly*..........129.00

B **WR-69A Sweep Generator.** For visual alignment of TV and FM receivers, ideal for color TV. Covers VHF TV channels and 88-108 MHz FM band. Preset position for channels 2-13; FM, TV, video, chrominance and IF frequencies. VHF output on fundamentals only. IF/video output—50 MHz continuously tuned. Bandwidth, 50 kHz to 20 MHz; 12 MHz max. on TV. 10x13⅝x7". 117 VAC.
21 C 4347 U. Shpg. wt., 18 lbs. *$15 Monthly*.........295.00

C **WR-99A Marker Generator.** Supplies fundamental-quency RF carrier for precision alignment of TV and receivers. Crystal calibrator beats at 1 or 10 MHz. Co 19-260 MHz in 8 bands. Has heterodyne detector, ampl and speaker. 4.5 MHz crystal for alignment of interca IF amplifiers. Triple markers. Slide-rule tuning 13½x10x7". For 105-125 V, 50-60 Hz AC.
21 C 4329 U. Shpg. wt., 21 lbs. *$13 Monthly*..........25

D **WV-120A AC Power-Line Monitor.** For lab, shop Reveals fluctuations and "bounces" in AC line age. 100-140 VAC. Accuracy, ±2% at 120 V. 3$\frac{15}{16}$ 3$\frac{1}{16}$". Shpg. wt., 1½ lbs.
21 C 4193..................................

WV-503A AC Power Line Monitor. (Not illus.) Same as ab but reads 200-280 volts. 25-400 Hz frequency range.
21 C 4398. Shpg. wt., 1½ lbs..............................

RCA Test Equipment and Accessories

$52.00
$5 monthly

$75.00
$5 monthly

$66.75
$5 monthly

$88.50
$5 monthly

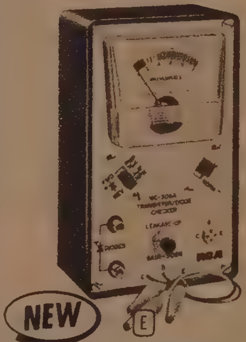
WV-38A VOM. 5¼" meter; flat response to 50 kHz. Ranges: AC, DC V; 0-2.5-10-50-250-1000-0, plus 0.25-1 VDC. Ohms; 3 ranges to 20 meg. current; 0-50 µA, 0-1-10-100-500 mA, 0-10 ps. dB; −20 to +50. Input resistance; DC, 00 ohms/volt; AC, 5000 ohms/volt. DC accu-y, ±3%. Test leads, battery. 6⅞x5¼x3⅛".
C 4219. **Factory Assembled.** Wt., 5 lbs.......52.00
C 4218. **WV-38A(K). Kit Form.** Wt., 5 lbs.....38.00
C 4220. **WG-270A Case.** Shpg. wt., 1 lb......5.25

WV-500A Solid-State VoltOhmyst. Battery-operated voltmeter. Has 8 VDC ranges from 0.02 to 0 V: seven AC (rms) ranges from 0.1 to 1500 V; (p-p) ranges from 0.5 to 4200 V. Ohms: 7 ges from 0.2 ohm to 1000 meg. 11 megohm input stance; ±3% DC accuracy. 6⅞x5¼x3⅛".
C 4351. Shpg. wt., 5 lbs....................75.00

WT-501A In or Out-of-Circuit Transistor Tester. Tests I_{CBO}, I_{CEO}, and DC Beta. Plots forward rent transfer ratio up to 1 A; adjustable collector rent. Front panel NPN, PNP sockets. Low imlance circuit. With leads, battery. 6⅞x5¼x3⅛".
C 4318. Shpg. wt., 4 lbs....................66.75

D **WV-98C VoltOhmyst.** Precision voltmeter features easy-to-read 6½" mirrored scale; 11-megohm input resistance; ±3% accuracy. Reads: AC, DC volts, 0-1.5-5-15-50-150-500-1500 (plus 0-0.5 VDC range); 7 AC p-p ranges to 4200 V; 7 ohms ranges to 1000 meg. 6½x7x3¾". 105-125 V, 50-60 Hz AC.
21 C 4211. **Assembled.** 8 lbs...88.50
21 C 4210. **WV-98C (K). Kit**...57.95

E **WC-506A Transistor/Diode Checker.** Checks relative gain and leakage of out-of-circuit transistors. Tests both NPN and PNP types. Also checks relative front-to-back ratio of diodes. Has transistor socket; color-coded test leads; easy-to-read meter. (Not for use with MOS or FET transistors.) Uses two 1.5 penlight batteries (not included). 3¾x6¼x2".
21 C 4320. Wt., 1 lb.........18.00



$18.00

RCA Test Equipment Probes and Accessories

ck No.	Type	Description	Wt.,	EACH
C 4212	WG-289	Extends WV-98C to 50 kV. Use multiplier below.	8 oz.	13.50
C 4209	WG-297	Extends WV-77E or WV-38A to 50 kV. Use multiplier.	8 oz.	13.50
C 4213	WG-206	1090 megohm multiplier for above HV probes.	2 oz.	3.75
C 4274	WG-210	900 megohm multiplier for above HV probes.	2 oz.	3.75
C 4275	WG-211	495 megohm multiplier for above HV probes.	2 oz.	3.50
C 4215	WG-301A	Crystal diode probe for WV-98C (to 250 MHz).	8 oz.	8.25
C 4366	WG-351A	Crystal diode probe for WV-77E (to over 100 MHz).	4 oz.	5.25
C 4279	WG-300B	Direct/low capacitance probe for RCA scopes.	4 oz.	11.00
C 4280	WG-30[illegible]A	RF/IF/VF signal tracing probe. Slips on WG-300B.	2 oz.	9.00
C 4378	WG-350A	Demodulator probe for WO-33A oscilloscope.	4 oz.	5.25
C 4380	WG-349A	Direct/low capacitance probe for WO-33A scope.	4 oz.	6.75
C 4214	WG-299D	Switchable AC-Ohms/DC probe for use with RCA VoltOhmysts and VTVM's.	4 oz.	9.00
C 4321	WG-410A	Switchable AC-Ohms/DC probe. Identical to WG-299D except for type of connector.	4 oz.	9.00
C 4353	WG-411A	Slip-on High-voltage probe for WG-299D and WG-410A. To 50,000 volts when used with WG-206 multiplier.	12 oz.	13.50
C 4322	WG-415A	Alignment probe for VTVM or oscilloscope.	6 oz.	13.50
C 4323	WG-416A	I.F. Test Block. 180-ohm detector and IF transformer loading circuit. Connects to scope.	6 oz.	15.25
C 4457	WG-417A	Sound detector test block. For peak alignment of sound takeoff and audio driver transformers.	6 oz.	14.50
C 4458	WG-418A	Mixer grid matching pad. Couples generator output.	6 oz.	13.50
C 4459	WG-419A	Tuner IF input head. Matching pad couples sweep generator to IF input jack.	6 oz.	11.50
C 4460	WG-420A	Sound detector probe. Low-capacitance. For alignment of ratio detector transformer in sets with integrated circuit sound IF, amplifier and demodulator.	6 oz.	21.75
C 4198	WG-307B	TV bias supply kit. 3 output voltages, adj. 0 to −15 V for RF, IF or AGC bias.	1½ lbs.	11.95
C 4196	WG-295C	Video multimarker. Provides 7 markers for response curves in color TV. Connects to sweep gen.	8 oz.	32.50
C 4197	WG-340B	RF Modulator. Checks response of TV receivers.	4 oz	18.00

R-C Substitution Box

$30.00 **36 Resistors, 18 Capacitors**
$5 monthly

WG-412A. For component substitution, circuit design. 36 resistor values (15 ohms to 10 meg). 18 capacitor values (100 pF to .22 µF). ±10% tolerance. One-watt resistors; 600-volt capacitors. Select values separately, in series, or parallel RC combinations. Plug-in test leads, clips. 6⅞x5⅜x2⅝". Shpg. wt., 1¾ lbs.
21 C 4461. *$5 Monthly*....30.00

See page 495 for RCA Test Gear in Kit Form

e Allied's Credit Fund Plan to Buy All Your Test Equipment

EICO Deluxe Test Instrument

For complete selection of Eico Kits, see pages 492-494

Generates Stable, Crystal-Controlled Patterns

NEW

$109.95 $6 monthly

Color Bar/Pattern Generator

Model 385. New solid-state battery-operated, completely portable color bar/pattern generator boasts crystal-controlled patterns. Has versatile color-coded gun killers that eliminate any one color or combination of two or more colors from display. Generates 10 color bars; cross-hatch and dot patterns; horizontal and vertical lines. Feeds directly to TV antenna terminals. Carefully designed solid-state circuit: 13 transistors; 6 diodes, 3 crystals. Low current drain. 2½x8½x8⅜". With 6 "C" batteries, test leads.
21 C 4538 U. 9 lbs. *$6 Monthly*..109.95

$149.95 $8 monthly

5" Wideband Scope

Model 460. Deluxe wideband 5" scope offers flat response of DC to 4.5 MHz, usable to 10 MHz. Easily reproduces 3.58 MHz color TV sync burst. Vertical sensitivity, 10 mV/inch. Input impedance, 3 meg shunted by 35 pF. 4-position attenuator. Full screen DC positioning; 2X horizontal. Sweep: 10 Hz to 100 kHz, plus low-frequency. Easy-to-read edge-lit scale. Plus, minus, internal, external and line frequency sync. 13x8½x16". For 105-125 V, 50-60 Hz. Order probes from page 492. Shpg. wt., 25 lbs.
21 C 4157 U. *$8 Monthly*.......149.95

NEW $249.95 $1

Professional 5" Scope

Model 465. Professional-quality wi
band scope—ideal for color or bla
and-white TV servicing. Vertical
horizontal AC-DC coupled amplifi
flat response of DC to 8 MHz, usa
to 10 MHz. Vertical and horizon
sensitivity; .05 volt p-p/cm. Zer
diode voltage calibration source; au
matic sync limiter; full retrace bla
ing. Sweep range: 10 Hz to 100 k
plus 30 Hz vertical and 7875
horizontal. Plus, minus, internal,
ternal, line synch 12¾x8½x17½".
VAC. Probes, page 492. 27 lbs.
21 C 4545 U. *$13 Monthly*...... 24

150 kHz to 435 MHz

$44.95 $5 monthly

RF Signal Generator

Model 324. Stable RF signal generator, ideal for alignment and servicing of AM, FM radios, hi-fi's, other equipment. Provides 150 kHz to 435 MHz RF output. 150 kHz to 145 MHz on fundamentals (6 ranges). Accuracy, ±1.5%. Has internal 400-Hz modulation variable 0-50%. Also takes external modulation sources. RF attenuators; 6:1 vernier drive. Rugged case, 8x10x4¾", carrying handle. 117 VAC. Wt., 10 lbs.
21 C 4140. *$5 Monthly*..........44.95

Post Injection Marker

$149.95 $8 monthly

Sweep-Marker Generator

Model 369. Features post injection marker system, signals are unaffected by receiver circuit. 5 sweep ranges cover 3.5 to 316 MHz. 3 marker ranges cover 2 to 75 MHz on fundamentals, 60- to 225 MHz on harmonics. 4.5 MHz crystal supplied for accurate marker check. 6:1 vernier drive; easy-to-read 360° scales. Retrace blanking for scope, 3-stage AGC circuits. 50 ohms. 8½x12½x7", 110-120 V, 50-60 Hz AC. 18 lbs.
21 C 4308 U. *$8 Monthly*.......149.95

20 H
to
200 k

$54

$5 mon

Sine/Square Wave Generat

Model 377. For radio and TV serv
ing. Sine wave range covers 20 Hz
200 kHz in 4 bands. Response: ±
dB, 60 Hz to 150 kHz. Square w
range, 60 Hz to 50 kHz in 4 ban
Output, 10 volts across 10K oh
Hum, under 0.4% of rated out
Accuracy, ±3%. Wien Bridge os
lator circuit uses 1% resistors. Ch
filtering in power supply. 7⅛x11
7⅝". For 110-120 V, 50-60 Hz
Shpg. wt., 14 lbs.
21 C 4134 X. *$5 Monthly*........54

NEW

Even Handles Latest Color CRT Types

$99.95

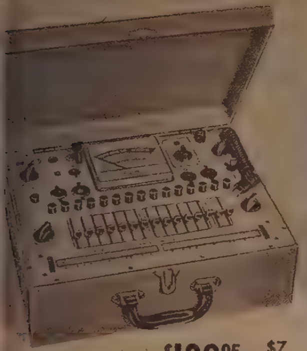
$5 monthly

Deluxe CRT Tester/Rejuvenator

Model 633. Deluxe tester/rejuvenator handles m
black-and-white or color CRT's, even latest types. F
tures high-voltage output of 1-KVDC for rejuvenat
welding and short-clearing procedures; 150 volt ne
tive DC for variable grid cutoff; variable filam
supply in three ranges: 0-5, 5-10, 10-15 V. Grid
off, filament voltage and beam current are read
4½" meter; pushbuttons for short-open, beam curr
gas and life testing. Panel switch selects indivi
guns of color CRT's for testing. Has transform
isolated power supply. Luggage-type case, 9¾x12
With tube chart, cables. 117 VAC. Wt., 12 lbs.
21 C 3540 U. *$5 Monthly*.................. 9

Fully Assembled and Ready-to-Use

For complete selection of Eico kits, see pages 492-494



$139.95 $7 monthly

Tube and Transistor Tester

Model 667. Combines mutual conductance (Gm) and plate conductance (Gp) tests with peak emission test—gives single reading of tube quality. Gain, leakage test for transistors. Tests all standard tube types, plus special purpose, VR's, cold cathode regulators, electron-ray indicators. 4½" meter; multi-circuit level switch. 4½x15x12". 115 VAC. 23 lbs.
21 C 4142 U. *$7 Monthly*.......139.95
21 C 4144. Model CRU CRT Adapter. For all Eico tube testers. 1 lb........9.95

$44.95 $5 monthly

Tube and Battery Tester

Model 636. Tests 800 radio and TV tube types for cathode emission, leakage, shorts, open elements, intermittents. Go/No-Go continuity test. Sockets: octal, loctal, 7- and 9-pin miniature; novar, nuvistor, compactron. Tests, under load, commonly used batteries from 1.5 to 90 volts in 11 ranges. 3-color meter; neon lamp short indicator. Transformer power supply. Black bakelite case, 8⅝x7½x3⅛". For 117 VAC. Tube manual.
21 C 4238. 4 lbs. *$5 Monthly*....44.95

Low Price, Top Performance

$69.95 $5 monthly

Portable Tube Tester

Model 635. New tube tester offers top performance at a modest price. Tests all tubes for dynamic cathode standard emission, shorts, grid leakage and gas. Even handles new decals, magnovals, 7-pin nuvistors and all popular TV picture tubes. Has accurate meter bridge circuit; pin straighteners for all types; burnout-protected 3½" D'Arsonval meter. Shorts, grid leak and power indicators. Luggage case, 8⅛x11⅜x3¼". 117 VAC. Shpg. wt., 4 lbs.
21 C 4542. *$5 Monthly*..........69.95

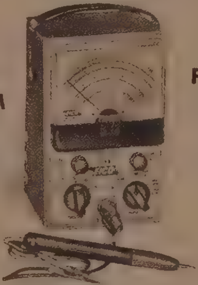
7½" VTVM

$59.95 $5 monthly

Model 249. Deluxe VTVM has burn-out-proof circuit; exclusive "Uni-Probe"; easy-to-read 7½" meter. Ranges: AC p-p V, 0-4-14-42-140-420-1400-4200. DC rms V, 0-1.5-5-15-50-150-500-1500. AC response, 30 Hz to 3 MHz. 7 ohms ranges, 0.2 ohm to 1000 meg. Balanced bridge circuit; 1% multipliers; zero center scales. 8½x13x5". 117 VAC. Wt., 9 lbs.
21 C 4234. *$5 Monthly*..........59.95

Versatile 4½" VTVM

$49.95
$5 monthly



Model 232. Versatile VTVM has 4½" meter, "no-burnout" circuit. Single "Uni-Probe" lets you measure AC, DC or ohms with one probe. Balanced bridge, 1% multipliers. Ranges: AC p-p V, 0-4-14-42-140-420-1400-4200. DC rms V, 0-1.5-5-15-50-150-500-1500. 0.2 ohm to 1000 meg (7 ranges). Response, 30 Hz to 3 MHz. Size, 8½x5x5". 117 VAC. 5 lbs.
21 C 4236. *$5 Monthly*..........49.95

Professional 6" VTVM

$69.95
$5 monthly

Model 235. Measures to 0.01 volt on ½-volt DC transistor range. 2-color 6" meter; 200 µA. Impedance, over 11 meg. Ranges: VDC, 0-0.5-1.5-5-15-50-150-500-1500. p-p VAC, 0-4-14-42-140-420-1400-4200. rms VAC, 0-1.5-5-15-50-150-500-1500. 7 resistance ranges, 0.2 ohms to 1000 meg. Response, 30 Hz to 3 MHz. 8½x7½x5". "Uni-Probe." 117 V, 60 Hz AC. 9 lbs.
21 C 4356. *$5 Monthly*..........69.95

$34.95

31-Range VOM

20,000 Ohms per Volt

Model 565. 20,000 ohms/volt DC sensitivity; 4½" meter. Ranges: AC, DC output V, 0-2.5-10-50-250-1000-5000. (AC at 1000 ohms/V.) DC, 0-100 µA; 0-10-100-500 mA, 0-10 A. 2K-200K ohms; 0-20 meg. −12 to +55 dB. With batteries, less leads. 6¾x5¼x3". Wt., 4 lbs.
21 C 4269. *$5 Monthly*.......34.95
21 C 4271. Model 555. Above, with 1% resistors. *$5 Monthly*....39.95

$25.95

38-Range VOM

1000 Ohms per Volt

Model 566. Has 4½" meter, rectifier in dual half-wave hookup; divider resistors. AC/DC ranges: 0-1-5-10-50-100-500-5000 V at 1000 ohms/volt. 0-1-10 mA, 0-0.1-1A. 0-5K-10K ohms, 0-1 meg. −20 to +69 dB. 6¾x5¼x3". With batteries, less leads. Wt., 3 lbs.
21 C 4261. *$5 Monthly*.......25.95
21 C 4263. Model 556. Above, with 1% resistors. *$5 Monthly*....29.95

Precision-Apparatus Test Gear

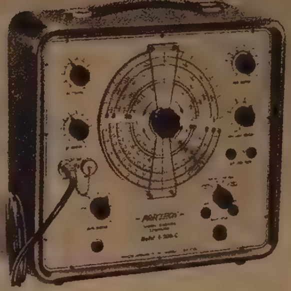
NEW

Model S-55A 5" DC-5 MHz Wideband Scope

$199⁹⁵ AC-DC Coupled Amplifiers . . . 5 Sweep Ranges

$10 monthly

Deluxe 5" scope for critical service needs. Response, DC to 4.5 MHz (±3 dB), to 5 MHz (±5 dB). AC, 1 Hz to 4.5 MHz (±3 dB), to 5 MHz (±5 dB). Sensitivity: DC, 70 mV/inch; AC, 25 mV/inch. Has 3-stage push-pull vertical amplifier; regulated calibration voltage; 5 sawtooth sweep ranges, 10 Hz-500 kHz. Automatic sync; vertical polarity reversing switch; frequency-compensated step attenuator; TV-V and TV-H positions. Input: 5 megs shunted by 23 pF. Has 5" CRT, illuminated graticule, camera mounts, 17¼x13⅜x8¾". 117 V, 50-60 Hz AC.
21 C 4546 U. Wt., 30 lbs. 199.95



Model E-200C Multiband RF Signal Generator

$149⁹⁵ 88 kHz to 440 MHz Coverage . . 0-100% Variable Modulation

$8 monthly

For TV marker, TV trap alignment, FM and AM receiver alignment, AFC substitution. Fundamental coverage, 88 kHz to 110 MHz (to 440 MHz on harmonics). Has AVC-AGC substitution system; 0-100% continuously variable modulation control. Four outputs: modulated (400 Hz) RF, unmodulated RF; externally modulated RF; 400-Hz audio. Sine-wave audio output is adjustable 0-80 V peak. Also has 0-100 point vernier scale, dual-shielded RF attenuators. 6½" scale, 1% accuracy on all ranges. With all cables. 13x11½x6⅝". For 117 V, 60 Hz AC.
21 C 4289 U. Wt., 16 lbs. 149.95

Model E-410C Sweep Generator/Marker Adder

$189⁹⁵ Fundamentals to 213 MHz . . Continuous Variable Sweep

$10 monthly

Maintenance and alignment of TV, FM and other wideband high-frequency circuits. Five-band coverage, 3-213 MHz; (sideband coverage 400-1080 MHz). Continuously variable sweep width: 0-3 MHz on band A; 0-30 MHz on Band D. Internal blanking, automatic gain control. Crystal-controlled, fixed-frequency markers (crystal socket on front panel). External marker input connector. Separate line filter and continuously variable attenuators. With 4.5 MHz crystal, 5 output cables. Case, 13x8½x7", carrying handle. For 110-130 V, 50-60 Hz AC.
21 C 4520 U. Wt., 15 lbs. 189.95

Extra Low-Ohms, Current, and Voltage Ranges For Solid-State Work

$59⁵⁰

$5 monthly

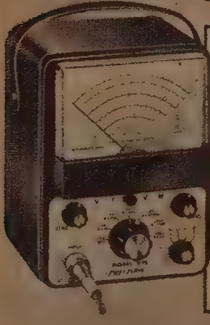
Model 120 VOM

No-parallax scale; meter protection; polarity reversing switch. 61 ranges: AC and DC volts to 6000; DC current to 12 A; Ohms to 20 megs; −20 to +77 dB. ±2% DC, ±3% AC accuracy. AC to 100 kHz. 7x5⅜x3⅛". Leads, batts.
21 C 4283. Shpg. wt., 4 lbs. . . 59.50

21 C 4522. 120M VOM. ±1½% DC, ±3% AC acc. 4 lbs. . . . 69.50

21 C 4523. TV-2C HV Probe. Reads to 30,000 VDC. Wt. 2 lbs. 12.95

21 C 4285. LC-3 Leather Case. For 120 or 120M. 12 oz. 8.95



Battery Eliminator, Single AC-Ohms/ DC Probe

$59⁹⁵

$5 monthly

Model V75 VTVM

VTVM features built-in battery-eliminator for ohmmeter. Polarity reversing switch; pilot light; 400-μA burnout-protected meter movement; zero-center scale. Reads AC (rms) and DC V to 1500; AC (p-p) V to 1400. Ohms to 1000 megs. Accuracy, ±5% AC, ±3% DC. 7½x5⅝x4¼". For 117 V, 50-60 Hz AC.
21 C 4519. Wt., 6 lbs. 59.95

21 C 4524. V-95 VTVM. 7-inch mirrored scale, 0.5 VDC range. 79.95

21 C 4456. AV-2A HV Probe. Reads to 60,000 VDC. Wt., 1 lb. . . . 12.95

21 C 4521. AV-1A RF Probe. Frequency to 250 MHz. Wt., 1 lb. . 7.95

Model E-310

$199⁹⁵

$10 monthly

Sine/Square Wave Generator

- Covers 5 Hz to 600 kHz in 5 Bands
- Easy-to-Read 6" Fine-Tuning Dial
- Distortion Under 1% at 10 V rms

Fundamental coverage from 5 Hz to 600 kHz in five bands. Ideal for measuring frequency response; radio-TV alignment; finding L-C combinations; more. ±2% accuracy, 50 Hz to 600 kHz; ±1 Hz from 5-50 Hz. Less than 1% distortion at 10 V rms output, at all frequency levels. Output, ±1 dB from band to band. 6" fine-tuning dial with clearly calibrated scales. Four-position step attenuator; continuous amplitude control. No zero setting—long term stability. Output level: sine wave, 10 V rms (600 ohms); square wave, 10 V p-p. Rise time, 0.20 μsec. 9x11½x11¼". For 110-120 V, 50-60 Hz AC.
21 C 4287 U. Shpg. wt., 24 lbs. . 199.95

Values in Test Equipment

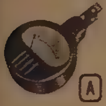
Model 880 Stereo Commander

$329⁹⁵ $16 monthly

Amphenol Model 880 Complete Stereo Tester

Deluxe new test instrument is actually a complete stereo testing laboratory in one compact unit! Seven instruments in one: audio generator, intermodulation analyzer, AC voltmeter; multiplex generator; impedance bridge; marker oscillator; RF/Sweep oscillator. Has zener diode regulation; solid-state circuit. Multiplex generator has 5 V p-p output, 35 dB separation. 10.7 MHz crystal-controlled marker oscillator. Voltmeter reads to 1000 Vrms. Sweep adjusts from 95-105 MHz; sweep width adjustable 0 to 1.5 MHz. Measures IM distortion to 100%; impedances from 1 ohm to 20 K ohms. Compact, luggage-type case, 9¾x11½x6". Tool pocket, removable lid. With leads. 117 VAC.
21 C 4439 U. Shpg. wt., 9 lbs. *$16 Monthly*..........329.95

Handy Low-Cost Testers



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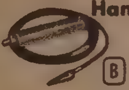

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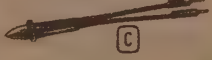


C

A **Emico AC Voltage Tester.** Plugs into AC outlet, detects high or low line voltage. 0-150 volt range. Prongs swivel 90°. Damped 2" meter, ±5% accuracy. Shockproof.
21 C 4368. Shpg. wt., 8 oz.........................3.38

B **AMF Circuit Tester.** Glow tester checks shorts, continuity, grounds, opens. Dim light indicates poor connection. No light when resistance exceeds 10 ohms. Use for dead circuits only. Requires 2 penlight cells.
21 C 4370. Shpg. wt., 3 oz.........................1.66

C **G-C Neon Glow Tester.** Use for finding hot AC leads, checking fuses, appliance repair. Lights from 60 VAC-90 VDC to 550 VAC-VDC. With 5" leads. Shpg. wt., 3 oz.
21 C 4369...44¢
21 C 4442. G-C Neon Glow Tester. As above, for 5 to 50 volt circuits. 5" leads. Shpg. wt., 3 oz.........................99¢

Amprobe Jr. Volt-Amp Testers

Snap-around volt-amp testers provide ±3% accuracy at full scale. For conductors up to ½" diameter. Scale length, 1.8". Overall size, 4¾x2½x1⅜". With leads. Order leather carrying case below. Shpg. wt., 1 lb.

Stock No.	Model	AC Voltage Range	Amps	EACH
51 C 9089	Y25	0-125-250	0-25	24.50
51 C 9168	Y550	0-150-600	0-50	24.50
51 C 9169	Y500	0-150-600	0-100	24.50

51 C 9105. Carrying Case for Above. Shpg. wt., 1 lb...3.25

"Metergard" Prevents Meter Damage

Low-Cost Protection!

$2⁹⁵

Use with VOM's, VTVM's, any test instruments with meters. Prevents bent pointers, damaged pivots and coils. Wires across 25 µA to 25 mA meter. Protects against 10,000% overload.
51 C 5627. Shpg. wt., 2 oz.....2.95

Model 857 CRT Commander

$99⁹⁵ $5 monthly

Amphenol Model 857 CRT Tester/Rejuvenator

For color, B&W. Tests significant characteristics in the manner recommended by tube manufacturers. Also is especially designed for making internal high-voltage leakage tests and 2nd-anode voltage tests. Voltmeter measures to 50 kV DC (with optional probe below). Reads gas directly on sensitive 50-µA meter. Has Good-?-Replace scale; easy-action selector switches. Three-step rejuvenation process greatly increases tube life. Luggage-type case, 10½x4¾x12⅝". With tube chart (lists over 1000 types), all connectors. For 110-120 V, 60 Hz AC.
21 C 4440 U. Shpg. wt., 5 lbs. *$5 Monthly*.............99.95
21 C 4441. 857-9 HV Probe. To 50 kV DC. 3 oz.......12.95

$90⁰⁰
$5 monthly

D E F

D New! Millen 90651-A Grid-Dip Meter

Has stable RF oscillator, solid-state DC amplifier and voltmeter. Taut band movement. 2" meter reads from 1.7 to 300 MHz. Plug-in coils; 7 direct-reading scales. 7x3³⁄₁₆x13⅜" high. 110-120 V, 60 Hz AC.
21 C 4331. Shpg. wt., 8 lbs. *$5 Monthly*...........90.00
21 C 4324. Type 90651. Above, less DC amp........78.50

Extra Coils. To extend frequency coverage. Wt., 3 oz.

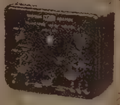
Stock No.	Mfr's Type	kHz Range	EACH
21 C 4325	46702	925-2000	9.40
21 C 4326	46703	500-1050	9.40
21 C 4327	46704	325-600	9.40
21 C 4328	46705	220-350	9.40
21 C 4443	46706	165-225	9.40

Don Bosco Pen-Size Signal Tracers

E **"Mosquito."** Locates defective circuits. Cordless, detachable probe. Transistor oscillator generates signals rich in IF and RF harmonics. Couples to magnetic circuits without leads. Powered by 1 penlight battery (included). 5⅝" long, ½" dia.
21 C 4301. Shpg. wt., 3 oz.............................9.95

F **Stethotracer.** Detects low-level mW audio or modulated RF signal. Range, 60 Hz to 200 MHz. 60 dB gain. 5⅝" long, ½" dia. Earphone, 3 attenuator probes, crystal-diode probe, ground clip lead, battery.
21 C 4292. Shpg. wt., 3 oz. *$5 Monthly*...........34.95

260-5
$62.00
$5 monthly



VOM Shown with Plug-In Adapter

Popular Simpson Test Equipment

Low-Cost Model 260-5 VOM

- **Sensitivity: 20,000 Ohms/VDC; 5000 Ohms/VAC**
- **Accurate Within ±2% on DC, ±3% on AC**
- **Spring-Backed Jewel Movement for High Accuracy**

Highly-reliable, low-cost VOM boasts spring-backed jewel meter movement; DC polarity reversing switch; full-wave bridge rectifier for fast, easy, accurate readings. Has AC response from 5 to 50 kHz; AC accuracy of ±3%; DC accuracy of ±5%. Ranges: DC mV, 0-250; AC and DC V, 0-2.5-10-50-250-1000-5000; AF Output V, 0-2.5-10-50-250; DC μA, 0-50; DC mA, 0-10-100-500; DC amps, 0-10; Resistance, 0-20 megs in 3 ranges with center-scale readings of 12, 1200 and 120K ohms; Decibels, −20 to +50 in 4 ranges. Rugged case, 7x5¼x3⅛". Battery, test leads.
51 C 9199. Shpg. wt., 5 lbs. *$5 Monthly*............**62.00**

51 C 5035. Model 260-5P VOM. Has the same fine features as above, but is also equipped with special sensor device for complete protection against overloads and burnouts. With test leads and battery. Shpg. wt., 5 lbs.
51 C 5035. *$5 Monthly*............................**94.00**

51 C 9200. Model 260-5RT. Model 260-5 in roll-top case. Size, 9x6⅜x4¾". Shpg. wt., 9 lbs. *$5 Monthly*..............**68.00**

51 C 9586. 260-5M RT. Model 260-5 in roll-top case, with mirrored scale to eliminate parallax. 10½ lbs...........**70.00**

Accessories for Simpson Series 260 and 270 VOM's

Probes, Leads and Carrying Cases. Burnout-proof Model 260-5P takes all accessories below, except Type 8375 Test Leads. See table for other models.

Stock No.	Type	Description	For Models	Lbs.	EACH
51 C 9210	0508	HV probe; 25 kV range	260-3,4 or 5	½	16.00
51 C 9202	0509	HV probe; 50 kV range	260-3,4 or 5	½	16.00
51 C 9196	8375	Leads; alligator clips L terms	260-3	½	2.75
51 C 9203	7500	Leads; banana plugs allig. clip	260-4	1	2.75
51 C 9151	0805	Ever-Redy Leather Case	260, 270, 303	2	13.00
51 C 9162	1818	Standard Leather Case	260, 270	2	11.00

Plug-In Adapters. Turn any 260 or 270 made since 1947 into 8 different testers. 4⅜x5$\frac{5}{16}$x3$\frac{1}{16}$". 2 lbs.

Stock No.	Type	Function	Description	EACH
51 C 9334	650	Transistor Tester	0-100 μA I_{co}, 3 beta ranges	41.00
51 C 9336	651	DC VTVM	0-0.5-1.0-2.5-5-10-25-50-100-250-500 V	48.00
51 C 9337	652	Temperature Tester	−50° to +250° F. in 2 ranges	46.00
51 C 9338	653	AC Ammeter	0-0.25-1-2.5-12.5-25 A; 50-3000 Hz	28.00
51 C 9339	654	Audio Wattmeter	17 μW to 100 W; 4/8/16/600 ohms	30.00
51 C 9340	655	Microvolt Attenuator	2.5-250,000 μV, decade steps	28.00
51 C 9342	656	Battery Tester	Up to 90 volts	28.00

Complete Line of Simpson Test Equipment

(As Simpson Releases New Test Equipment, Allied Will Place It in Stock)

SIMPSON VOM'S

Stock No.	Mfr's Type	Description	Wt., Lbs.	EACH
51 C 9591	160	Compact VOM	6	53.00
51 C 9619	250	VOM	4	68.00
51 C 9620	255	VOM	4	90.00
51 C 9589 U	260	Classroom Demonstrator VOM	15	24.50
51 C 9154	262	Microammeter VOM	6	80.00
51 C 9212	263	Dual-Sensitivity VOM	4	94.00
51 C 9153	269-2	Microammeter VOM	6	95.00
51 C 9209	270	AC-DC VOM	5	75.00
51 C 9228	270RT	AC-DC VOM	5	81.00

SIMPSON VTVM'S

Stock No.	Mfr's Type	Description	Wt., Lbs.	EACH
51 C 9148	303	AC-DC VTVM	6½	90.00
51 C 9152	303RT	AC-DC VTVM	8	97.00
51 C 9587 X	311	AC-DC VTVM	8	91.00
51 C 9623	312	AC-DC VTVM	5	93.00
51 C 9239	715	AC VTVM	5	80.00

OTHER SIMPSON TEST EQUIPMENT

Stock No.	Mfr's Type	Description	Wt., Lbs.	EACH
51 C 9163	240 VOM	Hammeter	3	43.00
51 C 9254	355 VOM	Midgetester	2	50.00
51 C 9197	362	Low Ohmmeter Micro-Tester	3	37.00
51 C 9165	370	AC Ammeter Micro-Tester	3	37.00
51 C 9166	372	Ohmmeter Micro-Tester	3½	37.00
51 C 9204	373	DC Milliammeter Micro-Tester	3	37.00
51 C 9205	374	DC Microammeter Micro-Tester	3	37.00
51 C 9206	375	DC Ammeter Micro-Tester	3	37.00
51 C 9207	385-3L	Temperature Meter	2	43.00
51 C 9159	388-3L	Thermometer	6	80.00
51 C 9201	389-3L	Temperature Meter	6	75.00
51 C 9164	390	Volt-Amp-Wattmeter	4	65.00
51 C 9850	603	Strip Chart Recorder 0-50 Mic. DC	4	107.00
51 C 9851	603	Strip Ch't Recorder 0-100 Mic. DC	4	102.00
51 C 9852	603	Strip Ch't Recorder 0-250 Mic. DC	4	98.00
51 C 9853	603	Strip Chart Recorder 0-1 mA DC	4	90.00
51 C 9854	603	Strip Chart Recorder 0-15 V DC	4	97.00
51 C 9855	603	Strip Chart Recorder 0-150 V DC	4	96.00
51 C 9856	603	Strip Chart Recorder 0-5 V AC	4	102.00
51 C 9857	603	Strip Chart Recorder 0-150 V AC	4	102.00
51 C 9858	603	Strip Chart Recorder 0-300 V AC	4	104.00
51 C 9624 X	604	Volt-Amp-mA-μA Multicorder	6	200.00

SIMPSON SCOPE

Stock No.	Mfr's Type	Description	Wt., Lbs.	EACH
51 C 9643 U	466	5" Handiscope	29	190.00

SIMPSON ACCESSORIES

Stock No.	Mfr's Type	Description	Wt., Lbs.	EACH
51 C 5136	0010	15' Thermistor Lead, 385-3L, 389-3L	½	7.50
51 C 9150	0073	RF Probe for Model 303	1	10.75
51 C 9149	0074	High Voltage Probe for Model 303	1	16.00
51 C 9604	0152	RF Probe for Model 312	1	10.75
51 C 9213	0158	High Voltage Probe for Model 263	1	16.00
51 C 9626	0161	High Voltage Probe for Model 255	1	16.00
51 C 5289	0173	High Voltage Probe for Model 269	2	16.00
51 C 9158	0181	High Voltage Probe for Model 269	2	16.00
51 C 9160	0187	Surface Temperature Probe, 388-3L	1	10.75
51 C 9161	0190	General Purpose Probe	1	6.50
51 C 5137	0216	30' Thermistor Lead, 389-3L, 385-3L	1	9.00
51 C 5138	0415	50' Thermistor Lead, 389-3L, 385-3L	1½	10.00
51 C 5140	0417	150' Thermistor Lead, 389-3L, 385-3L	4½	17.00
51 C 9210	0508	High Voltage DC Probe	½	16.00
51 C 9202	0509	High Voltage DC Probe	½	16.00
51 C 9625	0531	Clamp-on Adapter Model 255	1	30.00
51 C 9622	0549	Carrying Case	2	19.00
51 C 9621	0574	High Voltage Probe Case	1	5.50
51 C 9606	0577	Case for Model 312	2	16.00
51 C 9862	0683	Special Gear Train Unit for 604	¼	30.00
51 C 9211	0731	High Frequency Probe, Model 311	1	16.00
51 C 9208	0732	High Voltage Probe, Model 311	1	16.00
51 C 5135	0789	Free-Air Temp. Probe, 385-3L	1	11.00
51 C 5141	0790	Surface Temperature Probe, 389-3L	1	7.50
51 C 9863	02611	Ever-Redy Carrying Case for 604	1½	27.00
51 C 9605	0155	High Voltage Probe, Model 312	1	16.00
51 C 9593	2055	Probe Tip Test Lead, Model 160	1	3.00
51 C 9594	2225	Carrying Case for Model 160	1	10.00
51 C 9225	4236	Carrying Case, 250, 260, 261, 270	2	15.00
51 C 9155	5262	Carrying Case, Models 262, 269	2	13.00
51 C 9157	6355	Leather Case for 355 VOM	½	5.50
51 C 9198	8600	Extra Lead for 355 VOM	½	3.00
51 C 9615	2612	Chart Paper for Model 604 (Box of 10 rolls)	2	19.50
51 C 9859	20196	Carrying Case for Model 603	2	21.40
51 C 9860	20195	Takeup Reel for Model 603	1	16.00
51 C 9861	20097	Chart Paper for Model 603 (Box of 6 Rolls)	1	14.50

Accurate, Easy-to-Use Instruments by Triplett

Model 631 VTVM-VOM

11-Meg VTVM Input **$82.00** **$5 monthly**

VTVM and VOM at the price of a ingle tester. Single-switch selector or VTVM or VOM operation. Large easy-to-read 5½" meter with nbreakable face. Spring-backed ewels for ruggedness. Long-life battery operation. Accuracy: VOM, 3% DC, 4% AC; VTVM, %. Ranges: VTVM DC V, 0-1.2-6-0-120 (11 megs input imp.); VOM DC volts, 0-3-12-60-300-1200 (20,-00 ohms/volt); AC and audio volts, 0-3-12-60-300-1200 (5000 ohms/volt); DC current, 0-60 μA, -1.2-12-120-1200 mA, 0-12 amps; dB, −20 to +63; Ohms, 0-1500-5K, 0-1.5-150 megs. 7½x5½x 11/32". With test leads, alligator clips, batteries, rubber feet, and detailed instruction manual. Shpg. wt., 4½ lbs.

51 C 9113. *$5 Monthly*......82.00

Model 630 VOM

.1 Ohm to 100 Megs **$61.00** **$5 monthly**

Has the accuracy of some VOM's costing much more. 1% ultra-accurate resistors give ±2% accuracy on DC, ±3% on AC. Usable through 500 kHz. Single selector switch for all functions and ranges minimizes chance of an incorrect setting and possible burnout. Resistance can be accurately read from .1 ohm to 100 megs. DC voltmeter sensitivity, 20,000 ohms/V, AC, 5000 ohms/V. Ranges: DC and AC volts, 0-3-12-60-300-1200-6000; DC current, 0-60 μA, 0-1.2-12-120 mA, 0-12 amps; Resistance, 0-1000-10,000 ohms, 0-1-100 megs; Decibels, −20 to +70 (600-ohm line at 1 mW); Output volts, 0-3-12-60-300-1200 (jack has capacitor). 7½x5½x3 7/32". Batteries, leads, manual. 6 lbs.

51 C 9118. *$5 Monthly*.......61.00

$44.00 **$5 monthly**

Model 310 Compact VOM

Popular, compact VOM. Small, but no sacrifice in range, quality, or workmanship. Provision for attaching Model 10 clamp-on AC ammeter. Interchangeable test prod can be plugged into jack at top of VOM to make it the common probe and free one hand. Single function and range switch. Rugged spring-backed jeweled movement. Self-shielded for use in strong magnetic fields. Sensitivity, 20,000 ohms/V DC, 5000 ohms/V AC. Accuracy, ±3% DC, ±4% AC. Ranges: DC and AC volts, 0-3-12-60-300-1200; DC mA, 0-6-60-600; DC μA, 0-600; Resistance, 0-20K-200K ohms, 0-2-20 megs. Size, 4¼x2¾x1 5/16". With batteries, leads, manual. 4 lbs.

51 C 9667. *$5 Monthly*............44.00

Complete Line of Triplett Test Equipment

(As Triplett Releases New Test Equipment, Allied Will Place It in Stock)

Here is Triplett's entire line of VOM's and other test equipment, featuring high quality and accuracy. In Triplett's extensive line of VOM's you get large, easy-to-read red-printed scales; easy-to-operate single-switch function and range selector; more ohmmeter ranges to allow higher and lower readings; fuse protection in ohmmeter ranges to prevent damage to precision resistors; self-shielded Bar-Ring meter construction to protect movement against stray magnetic fields; spring-backed instrument jewels to give additional ruggedness to meter movement; heavy-duty phenolic case to protect instrument against damage from rough handling. Feature-packed Triplett instruments are not only versatile, easy to operate, and accurate, but offer outstanding value for your test equipment dollar.

TRIPLETT VOM'S

Stock No.	Mfr's Type	Description	Wt., Lbs.	EACH
51 C 5095	100	VOM and AC Ammeter Outfit	7	78.00
51 C 5096	310C	VOM	2	56.00
51 C 9121	630A	VOM	5	71.00
51 C 9690	630APL-3	VOM	5	71.00
51 C 9693	630APLK	Burnout-Proof VOM	5	105.00
51 C 9692	630L	VOM	5	66.00
51 C 9230 T	630M	Professional VOM	5	220.00
51 C 9110	630NA	Deluxe VOM	5	93.00
51 C 9691	630NS	200,000 Ohms/Volt VOM	5	110.00
51 C 9229	630PIL	VOM	5	61.00
51 C 5299	630PLK-3	Burnout-Proof VOM	5	93.00
51 C 9114	666R	Pocket VOM	3	44.00
51 C 9071	800	Lab-Type VOM	7	110.00

OTHER TRIPLETT TEST EQUIPMENT

Stock No.	Mfr's Type	Description	Wt., Lbs.	EACH
51 C 9618	2590	Transistor Tester	6¾	71.00
51 C 9645 X	3414	Tube Tester	16½	132.00

TRIPLETT VTVM

Stock No.	Mfr's Type	Description	Wt., Lbs.	EACH
51 C 9257	850	VTVM	7	93.00

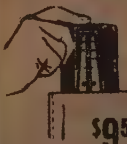
TRIPLETT ACCESSORIES

Stock No.	Mfr's Type	Description	Wt., Lbs.	EACH
51 C 9231	10	AC Ammeter Adapter	1	20.00
51 C 9232	101	Line Separator for Model 10	1	8.00
51 C 9235	311	Lead for Model 10	½	3.20
51 C 9195	379	Leather Case for Model 10	3	8.00
51 C 9256	611	Lead for Model 10	½	3.20
51 C 9119	639-N	Black Cowhide Case for 630 Series	½	12.60
51 C 9116	639-P	Black Cowhide Case for 630 Series	½	17.90
51 C 5280	669-OS	Black Leather Case for 666R Series	½	9.00
51 C 9111	T-2247-BV	CRT Adapter for Model 3414	1	9.00
51 C 9120	T-255A35	Stand for 630 Series	½	2.10
51 C 9112	T-79-70	Probe for 630, 630A, 631	½	17.90
51 C 9215	T-70-71	Probe for 630, 630A, 631	½	17.90
51 C 9258	T-79-83	Probe for 630PL, 630APL, 630L	½	17.90
51 C 9259	T-79-130	Probe for 630PL, 630APL, 630L	½	17.90
51 C 9260	T-79-145	Probe for 630, 630A, 631	½	9.50
51 C 9193	T-79-196	Probe for 850	½	25.20
51 C 9261	T-79-215	Probe for 850	½	9.00
51 C 9146	369	Leather Case for Model 310	½	4.20

Practical Top-Quality Test Equipment

AMPROBE INSTRUMENTS FOR EXTRA-CONVENIENT TESTING

Multi-Purpose Voltage Tester



Fits In Shirt Pocket

$9.50

- Indicates Polarity
- 3-Ft. Test Probe

Model VT-100. Compact, easy-to-use multi-purpose voltage tester fits easily in your shirt pocket. Ideal for testing all types of circuits. Shows nominal voltage levels on thermometer-type scale by a series of two windows corresponding to each voltage level: 115-220-277-440-550 VAC; 115-220-400-600-750 VDC. On AC measurements, both windows light and an audible indication of frequency is given. Pitch of signal increases with frequency from 25 to 800 Hz. On DC measurements, only one of the windows light, indicates the positive side of the line. Sliding probe pushes through body; retractable probe has 3-ft. cord. 6x2¼x¾".

51 C 5210. Wt., 8 oz. 9.50

A

B

A "Amprobe Jr." Testers

Y Series. Voltage, current testers snap around conductors to ½" dia. Measure amps shown and 0-125-250 V, except* 0-150-600. With leads. Order carrying case below.

Stock No.	Type	Amps	EACH
51 C 9089	Y25	0-25	24.50
51 C 9091	Y50	0-50	24.50
51 C 9167	Y525*	0-25	24.50
51 C 9168	Y550*	0-50	24.50
51 C 9169	Y500*	0-100	24.50

51 C 9105. Leather Case. 1 lb. . . . 3.25

B Rotary Scale Tester

Model RS-3. Single scale shows behind magnified window. Clamps around conductor to 1 1/16" dia. for current; plugs in for voltage and ohms. To 600 VAC; 300 amps; 25 ohms mid-scale. Accuracy, ±3%. 7 3/32x2⅝x1 11/32". Leads, case. 2 lbs.

51 C 9268. *$5 Monthly* 58.50

Deluxe Test Outfit

$69.85

$5 monthly

Volt-Am
Ohmme
Packag

Model TM-63. Ideal for everyone w does electrical troubleshooting. I cludes RS-3 Rotary-Scale Sna Around Volt-Amp-Ohmmete Ranges: 0-150/300/600 VAC; 6/15/40/100/300 amps AC; 25 ohı mid-scale. ±3% accuracy. Point lock. Set of VLK-311 "Extend Leads" that eliminate the need fo "third hand"; A-45L Energizer f increasing the sensitivity of the RS up to 5 or 10 times. Permits curre readings on permanently-wired lo current equipment. Compact "A leather carrying case has hing cover, snap lock, handle. 11x8½x3 Shpg. wt., 3 lbs.

51 C 5209. *$5 Monthly* . . . . 69.

NEW
at ALLIED

Blonder-Tongue FS Meter

$396.00

$18 monthly

54-216 MHz VHF
470-890 MHz UHF

Model FSM-2. Rugged, solid-state field strength meter boasts continuous frequency coverage of 54-216 MHz VHF and 470-890 MHz UHF. Instantly converts from UHF to VHF with the flip of a switch. Sensitivity is variable from 100 mV to 3 V for full scale deflection. Reads average and peak.

Applications: field strength surveys; MATV or CATV system maintenance; % modulation tests. Measures RF signals to 75-ohm impedance (has UHF/VHF balun for 300-ohm). Input VSWR: to 1 mV; UHF, 2.0 max., VHF, 1.3 max.: Over 1 MHz; UHF, 1.2, VHF, 1.2.

Accuracy, ±1.5 dB on all ranges. Temp. Range, −20 to +120°F. Black wrinkle case, 7¾x12⅝x7". For 105-130 V, 50 to 400 Hz AC, or two internal batteries (included). Wt., 13 lbs.

51 C 5117 X. *$18 Monthly* 396.00

Hickok Portable Tube Tester

$279.50

$14 monthly

Tests Over 1600 Types

Model 6000A. High-speed tester checks over 1600 tube types for transconductance, shorts, leakages, gas, filament continuity. Direct reading of grid current (gas) in µA on meter. Instant shorts, leakage tests; continuous line voltage indication. Tests for PNP and NPN transistors; forward conductance test for semiconductor diodes. Sockets; octal; loctal; 7, 9, 10-pin miniature; compactron; novar; 5, 7-pin nuvistor. Roll chart. 7½x16¾x11¾". 105-125 V, 50-60 Hz AC.

51 C 5006 U. Wt., 21 lbs. 279.50

Lectrotech 1½-V Supply

Replaces ohmmeter battery in most VTVM's. Takes just a few minutes to mount. Permanent source of 1½-VDC. For all VTVM's using negative grounded "D" cell for ohmmeter.

51 C 5634. Shpg. wt., 4 oz. 3.95

Sprague Tel-Ohmike Analyz

$99.50

$5 monthly

Five Ranges to 2000 µF

Model TO-6. Lab-accurate capacit analyzer has five overlapping rang of Wien bridge measurements, i cluding 1 pF to 100 pF. Low brid voltage, 1.35 for electrolytics; 2.8 for others. Two ranges of insulatic resistance, 10 Kmeg and 50 Kme Tests leakage up to 600 V with lea age current meter in four range Checks power factor to 50%. Tur ratio scale for transformers. Protect meter. 8⅞x14⅝x6⅛". 105-125 V, 5 60 Hz AC. Wt., 16¾ lbs.

51 C 5655 U. *$5 Monthly* . . . . 99.

Metergard

Prevents Bent Pointers; Pivots

Ends expensive meter repairs. Mete gard wires across any meter rated µA to 25 mA. Protects again 10,000% overload. Won't affect a curacy. Compact size.

51 C 5627. Shpg. wt., 4 oz. . . . . 2.

RCA and G.E. Receiving Tubes

EITHER RCA OR G.E. WILL BE SHIPPED, WHICHEVER IS IN STOCK AT TIME OF PURCHASE

Complete Selection of Color TV Tubes

Both RCA, G.E. Tubes Guaranteed for Two Full Years†
World's Largest Stocks of RCA and G.E. Tubes
You Get Personalized Service and Prompt Shipment

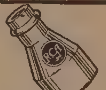
ith our full selection of tube types, Allied can provide you th immediate, complete satisfaction. Quantity prices apply assorted tubes from this RCA and G.E. listing only. w tube types are added to stock as soon as released by man- cturer. †We replace any tube that does not provide efficient rformance for two years. (Does not apply to broken tubes.) . shpg. wt., 4 oz.; per 10 tubes, 2½ lbs.

When Ordering, Specify Dept. No. (25 C 28) AND Tube Type No. Example: 25 C 28 OZ4.

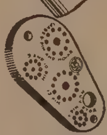
—USE YOUR ALLIED CREDIT FUND TO BUY TUBES—

Buy all the tubes you need now and take up to two years o pay. There's no money down . . . nothing to pay for 30 lays. Pay only $5 monthly for up to $100 worth of tubes r *anything* that Allied sells.

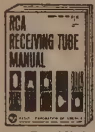
FREE SERVICE AIDS

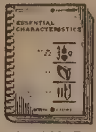


FREE With Purchase of 5 Tubes. (May be assorted.) RCA Type 1A1348 receiving tube puller. Makes removing tubes from sockets quick and easy.
24 C 9148 G. Puller Alone. 6 oz...... .50



FREE With Purchase of 10 Tubes. (May be assorted.) RCA Type 1A1369 handy 6-way pin straightener.
24 C 9149 G. Straightener Alone. 4 oz. 1.00





FREE With Purchase of 15 Tubes. RCA Tube Manual. Receiving and picture tubes.
23 C 7676 EG. 1¼ lbs. 1.75

FREE With Purchase of 15 Tubes. G.E. Tube Manual. Receiving and picture tubes.
23 C 7259 EG. 1¼ lbs. 2.00

Get All 4 Service Aids FREE with Purchase of 45 Tubes.

*Indicates Tube Types for Color TV, plus Other Applications

Tube Type	EA. in Quantities of		
	1-9	10-49	50-Up
Z4	1.63	1.46	1.30
Z4A	1.63	1.46	1.30
3	3.33	2.99	2.66
5GT	2.00	1.80	1.60
D2★	1.55	1.40	1.24
Y2	1.30	1.17	1.04
3GT★	Use 1G3 GT/1B3GT		
C2	1.63	1.46	1.30
H2	1.53	1.38	1.22
3GT/1B3GT★	1.70	1.53	1.36
3/1J3	1.70	1.53	1.36
6	6.28	5.65	5.02
5GT	2.45	2.21	1.96
5	2.00	1.80	1.60
2A/DY87	1.28	1.15	1.02
4	2.05	1.85	1.64
5	1.70	1.53	1.36
4	1.93	1.73	1.54
4	1.93	1.73	1.54
5	1.70	1.53	1.36
2★	1.28	1.15	1.02
2A	Use 1X2B/1X2A		
2B/1X2A★	1.70	1.53	1.36
3	4.95	4.46	3.96
F4B/2DZ4★	2.05	1.85	1.64
H2	1.70	1.53	1.36
S2	1.50	1.35	1.20
V2★	1.43	1.28	1.14
J2	2.10	1.89	1.68
N4A	1.78	1.60	1.42
W4	2.45	2.21	1.96
Y5	2.00	1.80	1.60
S4	2.45	2.21	1.96
V4★	3.23	2.90	2.58
Z4	Use 2AF4B/2DZ4		
G4	2.45	2.21	1.96
N5	1.60	1.44	1.28
R5	1.85	1.67	1.48
H5	1.85	1.67	1.48
Q5A	Use 2GK5		
S5	2.43	2.18	1.94
K5	2.10	1.89	1.68
U5	2.25	2.03	1.80
A5	1.93	1.73	1.54
G5★	1.93	1.73	1.54
2★	2.75	2.48	2.20
3A 3B2★	1.60	1.44	1.28
F4A/3DZ4	2.05	1.85	1.64
L5★	1.35	1.21	1.08
T2★	1.53	1.37	1.22
U6	1.48	1.33	1.18
V6	1.48	1.33	1.18
W2★	1.60	1.44	1.28
W3★	Use 3A3A/3B2		
2★	Use 3A3A/3B2		
3A6	1.18	1.06	.94
3C5	Use 3BC5/3CE5		
3C5, 3CE6	1.35	1.21	1.08
3N4A	1.70	1.53	1.36
3BN6★	2.15	1.94	1.72
3BU8/3GS8	2.23	2.00	1.78
3BY6★	1.50	1.35	1.20
3BZ6★	1.18	1.06	.94
3CA3★	1.60	1.44	1.28
3CB6/3CF6	1.48	1.33	1.18
3CE5	Use 3BC5/3CE5		
3CF6	Use 3CB6/3CF6		
3CN3A★	1.60	1.44	1.28
3CS6★	1.85	1.67	1.48
3CY5	1.95	1.76	1.56
3DG4★	2.38	2.14	1.90
3DK6	1.48	1.33	1.18
3DT6A★	1.48	1.33	1.18
3DZ4	Use 3AF4A/3DZ4		
3EA5	1.78	1.60	1.42
3EH7/XF183	1.28	1.15	1.02
3EJ7/XF184	1.28	1.15	1.02
3ER5	2.23	2.00	1.78
3FH5	1.63	1.46	1.30
3FS5	2.15	1.94	1.72
3GK5★	2.10	1.89	1.68
3GS8	Use 3BU8/3GS8		
3HA5	Use 3HM5/3HA5		
3HM5/3HA5	1.93	1.73	1.54
3HQ5★	2.38	2.14	1.90
3JC6A★	2.00	1.80	1.60
3KT6★	1.70	1.53	1.36
3Q4	1.68	1.51	1.34
3Q5GT	2.93	2.63	2.34
3S4	1.70	1.53	1.36
3V4	1.70	1.53	1.36
4AU6	1.70	1.53	1.36
4AV6	1.48	1.33	1.18
4BC8	2.00	1.80	1.60
4BL8/XCF80★	1.20	1.08	.96
4BN6	2.03	1.82	1.62
4BQ7A★	2.45	2.21	1.96
4BS8	2.13	1.91	1.70
4BU8/4GS8	2.23	2.00	1.78
4BZ6	1.48	1.33	1.18
4BZ7	2.45	2.21	1.96
4CB6	1.43	1.28	1.14
4CS6	1.70	1.53	1.36
4DE6	1.48	1.33	1.18
4DK6	1.70	1.53	1.36
4DT6A★	1.48	1.33	1.18
4EH7★	1.78	1.60	1.42
4EJ7/LF184★	1.78	1.60	1.42
4ES8/XCC189	2.75	2.49	2.20
4EW6	1.45	1.31	1.16
4GK5	1.95	1.76	1.56
4GM6	1.10	.99	.88
4GS8	Use 4BU8/4GS8		
4HA5/PC900★	1.18	1.06	.94
4HA7	1.53	1.37	1.22
4HC7	1.53	1.37	1.22
4HM6	1.55	1.40	1.24
4HQ5	2.30	2.07	1.84
4HS8	1.68	1.51	1.34
4HT6	1.28	1.15	1.02
4JC6A	2.15	1.94	1.72
4JD6	2.15	1.94	1.72
4KE8★	3.03	2.72	2.42
4JH6	1.70	1.53	1.36
4LJ8★	2.05	1.85	1.64
5AM8★	2.45	2.21	1.96
5AN8★	2.60	2.34	2.08
5AQ5★	1.48	1.33	1.18
5AR4/GZ34	2.13	1.91	1.70
5AS4A	1.73	1.55	1.38
5AS8	2.20	1.98	1.76
5AT8★	2.23	2.00	1.78
5AU4	2.08	1.87	1.66
5AV8	2.03	1.83	1.62
5AZ4	2.65	2.39	2.12
5B8	2.75	2.48	2.20
5BC3A★	1.70	1.53	1.36
5BE8	1.55	1.40	1.24
5BK7A	2.08	1.87	1.66
5BQ7A	2.15	1.94	1.72
5BR8	2.45	2.21	1.96
5BT8★	1.55	1.40	1.24
5BW8	1.60	1.44	1.28
5CG8	1.85	1.67	1.48
5CL8A	2.23	2.00	1.78
5CQ8	2.05	1.85	1.65
5CZ5	2.23	2.00	1.78
5DJ4	1.78	1.60	1.42
5EA8	2.30	2.07	1.84
5ES8/YCC189	2.75	2.47	2.20
5EU8	2.00	1.80	1.60
5EW6	1.70	1.53	1.36
5FG7	1.78	1.60	1.42
5FV8	1.63	1.47	1.30
5GH8A★	2.30	2.07	1.84
5GJ7★	1.48	1.33	1.18
5GM6	1.63	1.46	1.30
5GX6	1.23	1.10	.98
5HA7	1.53	1.37	1.22
5HB7	1.70	1.53	1.36
5HZ6	1.63	1.46	1.30
5J6	1.85	1.67	1.48
5JK6★	1.93	1.73	1.54
5JL6★	1.93	1.73	1.54
5KD8	1.25	1.13	1.00
5KE8	2.90	2.61	2.32
5KZ8★	1.28	1.15	1.02
5LJ8	2.05	1.85	1.64
5T8	2.23	2.01	1.78
5U4G★	1.28	1.15	1.02
5U4GB★	1.28	1.15	1.02
5U8	1.93	1.73	1.54
5U9/LCF201★	1.48	1.33	1.18
5V3A★	2.08	1.87	1.66
5V4GA	2.15	1.94	1.72
5V6GT★	1.85	1.67	1.48

TUBES CONTINUED ON NEXT PAGE

o Order, Specify Dept. No. (25 C 28) AND Tube Type No.

RCA Receiving Tubes (Cont'd)

AS NEW TYPES ARE RELEASED, ALLIED WILL STOCK THEM

To Get Free Service Aids With Your Tubes, See Page 295

When Ordering, Specify Dept. No. (25 C 2
AND Tube Type No. Example: 25 C 28 5X8.

★ Indicates Tube Types for Color TV, plus Other Applications

Tube Type	EA. in Quantities of		
	1-9	10-49	50-Up
5X8	2.08	1.87	1.66
5Y3GT★	1.13	1.01	.90
5Y4GA	1.23	1.10	.98
5Y4GT	1.70	1.53	1.36
5Z3	2.23	2.00	1.78
5Z4	Use 5Y3GT		
6A7	4.00	3.60	3.20
6A8	3.55	3.20	2.84
6AB4	1.63	1.46	1.30
6AC5GT	2.93	2.63	2.34
6AC7	2.88	2.59	2.30
6AC10★	2.05	1.85	1.64
6AD10★	3.45	3.11	2.76
6AF3	1.55	1.40	1.24
6AF4★	2.05	1.85	1.64
6AF4A★	2.05	1.85	1.64
6AF6G	3.15	2.84	2.52
6AF9	1.78	1.60	1.42
6AF11	2.60	2.34	2.08
6AG5	1.70	1.53	1.36
6AG7★	3.25	2.93	2.60
6AG9★	2.83	2.54	2.26
6AG11	2.08	1.87	1.66
6AH4GT★	1.63	1.46	1.30
6AH6★	2.45	2.21	1.96
6AH9	2.38	2.14	1.90
6AK5/EF95	2.38	2.14	1.90
6AL3/EY88	1.30	1.17	1.04
6AL5★	1.13	1.01	.90
6AL7GT	3.48	3.13	2.78
6AL11★	2.30	2.07	1.84
6AM4	2.78	2.50	2.22
6AM8A	1.85	1.67	1.48
6AN4	3.08	2.77	2.46
6AN8A★	2.15	1.94	1.72
6AQ5A★	1.48	1.33	1.18
6AQ6	1.63	1.46	1.30
6AQ7GT	2.15	1.94	1.72
6AQ8/ECC85★	1.50	1.35	1.20
6AR5	1.23	1.10	.98
6AR8	2.43	2.18	1.94
6AR11	2.25	2.03	1.80
6AS5	1.63	1.46	1.30
6AS8★	2.23	2.00	1.78
6AS11	2.55	2.30	2.04
6AT6★	1.20	1.08	.96
6AT8A★	2.60	2.34	2.08
6AU4GTA★	2.00	1.80	1.60
6AU5GT★	2.60	2.34	2.08
6AU6A★	1.20	1.08	.96
6AU8A★	2.45	2.21	1.96
6AV5GA★	2.60	2.34	2.08
6AV6★	.98	.88	.78
6AV11★	2.20	1.98	1.76
6AW8A★	1.93	1.73	1.54
6AX3	1.30	1.17	1.04
6AX4GTB★	1.48	1.33	1.18
6AX5GT	1.93	1.73	1.54
6AX8	1.75	1.58	1.40
6AY3B	1.70	1.53	1.36
6AY11	2.25	2.03	1.80
6AZ8★	2.75	2.48	2.20
6B8	3.43	3.08	2.74
6B10	1.83	1.64	1.46
6BA3	1.53	1.37	1.22
6BA6/EF93★	1.20	1.08	.96
6BA7	2.93	2.63	2.34
6BA8A★	2.33	2.09	1.86
6BA11★	2.15	1.94	1.72
6BC4	2.75	2.48	2.20
6BC5/6CE5	1.63	1.46	1.30
6BC7★	1.80	1.62	1.44
6BC8★	2.08	1.87	1.66
6BD6	1.18	1.06	.94
6BD11	2.78	2.50	2.22
6BE3/6BZ3★	1.70	1.53	1.36
6BE6	1.43	1.28	1.14
6BF5	1.68	1.51	1.34
6BF6	1.43	1.28	1.14
6BF11	2.45	2.21	1.96
6BG6G★	3.05	2.75	2.44
6BH3A	1.40	1.26	1.12
6BH6★	1.63	1.46	1.30
6BH8★	2.30	2.07	1.84

Tube Type	EA. in Quantities of		
	1-9	10-49	50-Up
6BH11★	2.15	1.94	1.72
6BJ3	1.40	1.26	1.12
6BJ6	1.63	1.46	1.30
6BJ7★	1.48	1.33	1.18
6BJ8★	2.00	1.80	1.60
6BK4B★	3.78	3.40	3.02
6BK5★	1.75	1.58	1.40
6BK7B★	2.00	1.80	1.60
6BL7GTA★	2.53	2.27	2.02
6BL8/ECF80★	1.35	1.21	1.08
6BM8/ECL82★	1.45	1.31	1.16
6BN4A★	2.00	1.80	1.60
6BN6★	1.85	1.67	1.48
6BN8★	1.85	1.67	1.48
6BN11★	2.25	2.03	1.80
6BQ5/EL84★	1.63	1.46	1.30
6BQ6GTB/6CU6★	2.23	2.00	1.78
6BQ7A★	2.08	1.87	1.66
6BR8A★	2.15	1.94	1.72
6BS3A★	1.85	1.67	1.48
6BS8★	2.23	2.00	1.78
6BU8★	2.08	1.87	1.66
6BV8★	1.50	1.35	1.20
6BW4	1.38	1.24	1.10
6BW8	1.68	1.51	1.34
6BW11	2.20	1.98	1.76
6BX7GT	2.80	2.52	2.24
6BY5GA	2.40	2.16	1.92
6BY6★	1.70	1.53	1.36
6BY8	1.35	1.21	1.08
6BZ6★	1.35	1.21	1.08
6BZ7★	2.08	1.87	1.66
6BZ8	2.10	1.89	1.68
6C4★	1.13	1.01	.90
6C5	2.68	2.41	2.14
6C6	3.93	3.54	3.14
6C9	2.75	2.48	2.20
6C10	1.85	1.67	1.48
6CA4	1.48	1.33	1.18
6CA5	1.50	1.35	1.20
6CA7/EL34	2.68	2.41	2.14
6CB5A★	4.68	4.21	3.74
6CB6A/6CF6★	1.43	1.28	1.14
6CD6GA★	2.90	2.61	2.32
6CE5	Use 6BC5/6CE5		
6CF6	Use 6CB6A/6CF6		
6CG3/6CD3★	1.70	1.53	1.36
6CG7	Use 6FQ7/6CG7		
6CG8A★	1.78	1.60	1.42
6CH8	2.80	2.52	2.24
6CJ3★	1.80	1.62	1.44
6CK3	1.70	1.53	1.36
6CK4	1.78	1.60	1.42
6CL3★	1.75	1.57	1.40
6CL6★	2.08	1.87	1.66
6CL8A★	2.08	1.87	1.66
6CM3	2.45	2.21	1.96
6CM6★	1.93	1.73	1.54
6CM7	1.63	1.46	1.30
6CM8	2.03	1.82	1.62
6CN7★	2.23	2.00	1.78
6CQ4	1.78	1.60	1.42
6CQ8★	1.85	1.67	1.48
6CR6	1.48	1.33	1.18
6CS6★	1.48	1.33	1.18
6CS7	1.70	1.53	1.36
6CU5	1.78	1.60	1.42
6CU6	Use 6BQ6GTB/6CU6		
6CU8	2.30	2.07	1.84
6CW4★	2.45	2.21	1.96
6CW5/EL86★	1.38	1.24	1.10
6CX8	2.38	2.19	1.90
6CY5	2.00	1.80	1.60
6CY7	1.53	1.37	1.22
6CZ5★	2.38	2.14	1.90
6D10	2.13	1.91	1.70
6DA4	1.85	1.67	1.48
6DB5	2.50	2.25	2.00
6DC6★	1.93	1.73	1.54
6DC8/EBF89	1.53	1.37	1.22
6DE4	1.78	1.60	1.42
6DE6★	1.48	1.33	1.18
6DE7	2.08	1.87	1.66
6DG6GT	1.93	1.74	1.54

Tube Type	EA. in Quantities		
	1-9	10-49	50-
6DK6★	1.48	1.33	1.1
6DL5/EL95	1.48	1.33	1.1
6DM4A	1.68	1.51	1.3
6DN6	3.50	3.15	2.8
6DN7	2.00	1.80	1.6
6DQ5★	3.93	3.54	3.1
6DQ6B★	Use 6GW6/6DQ6		
6DR7	2.30	2.07	1.8
6DS4★	2.45	2.21	1.9
6DS5	1.83	1.65	1.4
6DT5	1.78	1.60	1.4
6DT6A★	1.35	1.21	1.0
6DT8	1.88	1.69	1.5
6DV4★	3.23	2.90	2.5
6DW4B★	1.75	1.58	1.4
6DW5	1.93	1.73	1.5
6DX8/ECL84★	1.45	1.31	1.1
6DZ4★	2.05	1.85	1.6
6E5	2.83	2.54	2.2
6EA5	Use 6CY5		
6EA7	2.60	2.34	2.0
6EA8★	1.78	1.60	1.4
6EB8	2.53	2.27	2.0
6EH4A★	4.10	3.69	3.2
6EH5	1.78	1.60	1.4
6EH7/EF183★	1.93	1.73	1.5
6EH8	1.75	1.58	1.4
6EJ4A★	4.25	3.82	3.4
6EJ7/EF184★	1.78	1.60	1.4
6EM5	1.85	1.67	1.4
6EM7★	2.60	2.34	2.0
6EQ7	1.48	1.33	1.
6ER5★	1.90	1.71	1.5
6ES5	1.43	1.28	1.1
6ES8/ECC189	2.73	2.45	2.1
6ET7	2.00	1.80	1.6
6EU7	1.63	1.46	1.3
6EU8	1.85	1.67	1.4
6EV5	1.55	1.40	1.2
6EV7	1.63	1.46	1.3
6EW6★	1.35	1.21	1.0
6EW7	3.00	2.70	2.4
6EZ5★	2.23	2.00	1.7
6EZ8	1.78	1.60	1.4
6F5	2.75	2.48	2.2
6F6	2.90	2.61	2.3
6F6GT	2.90	2.61	2.3
6F8G	4.23	3.81	3.3
6FA7	1.48	1.33	1.
6FD7	2.65	2.39	2.
6FE5	1.70	1.53	1.
6FG6	Use EM84/6FG		
6FG7★	2.08	1.87	1.6
6FH5★	1.93	1.73	1.5
6FH8	2.03	1.82	1.6
6FJ7★	1.88	1.69	1.5
6FM7★	1.63	1.46	1.3
6FM8	1.43	1.28	1.1
6FQ5A	1.93	1.73	1.5
6FQ7/6CG7★	1.18	1.06	.9
6FS5	2.05	1.85	1.6
6FV6	2.23	2.00	1.7
6FV8A	2.15	1.94	1.7
6FW5	1.93	1.73	1.5
6FY5/EC97	1.38	1.24	1.1
6FY7	1.60	1.44	1.2
6G11	2.20	1.98	1.7
6GB5/EL500	1.90	1.71	1.5
6GC5★	2.23	2.00	1.7
6GE5	1.93	1.73	1.5
6GF5	1.75	1.58	1.4
6GF7A★	2.43	2.18	1.9
6GH8A★	1.60	1.44	1.2
6GJ5A	2.80	2.52	2.2
6GJ7/ECF801★	1.55	1.40	1.2
6GK5★	2.08	1.87	1.6
6GK6★	1.70	1.53	1.3
6GL7★	2.90	2.61	2.3
6GM5	1.53	1.37	1.2
6GM6★	1.63	1.46	1.3
6GN8	2.30	2.07	1.8
6GQ7★	1.88	1.69	1.5
6GT5A	2.70	2.43	2.1
6GU5	2.05	1.85	1.6

To Order, Specify Dept. No. (25 C 28) AND Tube Type N

RCA and G.E. Receiving Tubes

QUANTITY PRICES FOR ASSORTED RCA, G.E. TUBES

To Get Free Service Aids With Your Tubes, See Page 295

When Ordering, Specify Department No. (25 C 28)
AND Tube Type No. Example: 25 C 28 6GU7.

★ Indicates Tube Types for Color TV, plus Other Applications

Tube Type	EA. in Quantities of		
	1-9	10-49	50-Up
6GU7★	1.85	1.67	1.48
6GV5	2.08	1.87	1.66
6GV8/ECL85	2.30	2.07	1.84
6GW6/6DQ6B★	2.10	1.89	1.68
6GW8/ECL86	1.53	1.37	1.22
6GX6★	1.45	1.31	1.16
6GX7★	1.80	1.62	1.44
6GY5	2.30	2.07	1.84
6GY6★	1.45	1.31	1.16
6GY8	1.95	1.76	1.56
6H6	2.45	2.21	1.96
6HA5★	Use 6HM5/6HA5		
6HB5	2.30	2.07	1.84
6HB6★	2.23	2.00	1.78
6HB7★	2.00	1.80	1.60
6HE5★	1.85	1.67	1.48
6HF5★	3.65	3.29	2.92
6HF8★	2.30	2.07	1.84
6HG5	1.48	1.33	1.18
6HG8/ECF86★	1.85	1.67	1.48
6HJ8	1.55	1.40	1.24
6HK5	1.95	1.76	1.56
6HL8★	1.53	1.37	1.22
6HM5/6HA5★	1.93	1.73	1.54
6HM6	1.48	1.33	1.18
6HQ5★	2.25	2.03	1.80
6HR5	1.28	1.15	1.02
6HR6	1.85	1.67	1.48
6HS5★	3.88	3.49	3.10
6HS6	1.85	1.67	1.48
6HS8★	2.15	1.94	1.72
6HZ6★	1.50	1.35	1.20
6J5	2.05	1.85	1.64
6J5GT	2.05	1.85	1.64
6J6A★	1.63	1.46	1.30
6J7	2.60	2.34	2.08
6J10★	Use 6Z10/6J10		
6J11	2.40	2.16	1.92
6JB6A	2.93	2.63	2.34
6JC6A★	1.98	1.78	1.58
6JC8	1.53	1.37	1.22
6JD6★	1.78	1.60	1.42
6JE6A★	4.25	3.82	3.40
6JE8	1.85	1.67	1.48
6JF6	3.10	2.79	2.48
6JG6A	3.25	2.93	2.60
6JH6★	1.48	1.33	1.18
6JH8★	2.38	2.14	1.90
6JK8★	2.03	1.82	1.62
6JM6A★	2.08	1.87	1.66
6JN6★	1.93	1.73	1.54
6JN8	1.83	1.64	1.46
6JS6B★	3.65	3.29	2.92
6JT6A	2.48	2.23	1.98
6JT8★	2.00	1.80	1.60
6JU8A★	1.93	1.73	1.54
6JV8	2.20	1.98	1.76
6JW8/ECF802★	1.55	1.40	1.24
6JZ6	2.33	2.09	1.86
6JZ8	1.78	1.60	1.42
6K6GT	1.48	1.33	1.18
6K7	2.95	2.66	2.36
6K8	3.85	3.47	3.08
6K11/6Q11	1.83	1.64	1.46
6KA8★	2.25	2.03	1.80
6KD6	3.85	3.47	3.08
6KD8	Use 6U8A/6KD8		
6KE8★	2.83	2.55	2.26
6KL8	1.48	1.33	1.18
6KM6★	4.10	3.69	3.28
6KM8	1.73	1.55	1.38
6KR8	2.13	1.91	1.80
6KT6★	1.65	1.49	1.32
6KT8★	2.45	2.21	1.96
6KU8	2.40	2.16	1.92
6KV8	2.93	2.63	2.34
6KY8A	3.63	3.27	2.90
6KZ8★	1.85	1.67	1.48
6L6	4.40	3.96	3.52
6L6GC★	2.38	2.14	1.90
6L7	3.48	3.13	2.78
6LB6★	4.08	3.67	3.26
6LB8	2.35	2.12	1.88
6LE8★	3.10	2.79	2.48

Tube Type	EA. in Quantities of		
	1-9	10-49	50-Up
6LF8★	2.08	1.87	1.66
6LJ6★	3.78	3.40	3.02
6LJ8	2.05	1.85	1.64
6LM8★	2.23	2.00	1.78
6LN8/LCF80	1.20	1.08	.96
6LQ6/6JE6C	4.25	3.83	3.40
6LQ8	2.53	2.27	2.02
6LT8★	1.35	1.21	1.08
6LU8★	2.38	2.14	1.90
6LX8/LCF802	1.30	1.17	1.04
6LY8★	1.95	1.76	1.56
6M11★	2.50	2.25	2.00
6MD8★	2.43	2.18	1.94
6ME8★	2.30	2.07	1.84
6MK8	2.15	1.94	1.72
6N7	2.53	2.27	2.02
6N7GT	2.60	2.34	2.08
6Q7	2.95	2.66	2.36
6S4A★	1.48	1.33	1.18
6S8GT	2.08	1.87	1.66
6SA7	2.95	2.66	2.36
6SA7GT	2.20	1.98	1.76
6SB7Y	2.98	2.68	2.38
6SC7	2.45	2.21	1.96
6SF5	2.23	2.00	1.78
6SF7	3.15	2.85	2.52
6SG7	2.45	2.21	1.96
6SH7	2.68	2.41	2.14
6SJ7	2.08	1.87	1.66
6SJ7GT	1.95	1.76	1.56
6SK7	2.23	2.00	1.78
6SK7GT	2.75	2.48	2.20
6SL7GT	2.00	1.80	1.60
6SN7GTB★	1.55	1.40	1.24
6SQ7	2.23	2.00	1.78
6SQ7GT	2.00	1.80	1.60
6SR7	2.45	2.21	1.96
6T4★	2.58	2.32	2.06
6T8A★	1.85	1.67	1.48
6T9	2.03	1.82	1.62
6T10★	2.13	1.91	1.70
6U5	3.70	3.33	2.96
6U8A/6KD8★	1.55	1.40	1.24
6U9/ECF201	1.45	1.31	1.16
6U10★	1.83	1.64	1.46
6V3A	2.28	2.05	1.82
6V6	3.18	2.86	2.54
6V6GTA★	1.63	1.46	1.30
6W4GT	1.48	1.33	1.18
6W6GT★	1.85	1.67	1.48
6X4	1.05	.95	.84
6X5GT	1.48	1.33	1.18
6X8A★	1.70	1.53	1.36
6X9/ECF200★	1.48	1.33	1.18
6Y6GA/6Y6G	2.23	2.00	1.78
6Y9★	1.48	1.33	1.18
6Z4	Use 84/6Z4		
6Z10/TJ10★	2.50	2.25	2.00
7A7	3.58	3.22	2.86
7AU7★	1.35	1.21	1.08
7C5	1.68	1.51	1.34
7C7	1.70	1.53	1.36
7EY6	1.68	1.51	1.34
7F7	3.75	3.38	3.00
7F8	4.13	3.72	3.30
7HG8/PCF86	1.38	1.24	1.10
7N7	3.55	3.20	2.84
7V7	2.33	2.09	1.86
7X7	3.83	3.45	3.06
8AR11★	2.18	1.96	1.74
8AU8	1.93	1.73	1.54
8AW8A	2.15	1.94	1.72
8B10	1.68	1.51	1.34
8BA8A	1.73	1.54	1.38
8BA11	2.00	1.80	1.60
8BH8	1.68	1.51	1.34
8BM11	2.13	1.91	1.70
8BN8	1.85	1.67	1.48
8BQ5	1.63	1.46	1.30
8BQ11★	2.15	1.94	1.72
8BU11★	2.28	2.05	1.82
8CG7	Use 8FQ7/8CG7		
8CM7	1.35	1.21	1.08
8CN7	1.53	1.37	1.22

Tube Type	EA. in Quantities of		
	1-9	10-49	50-Up
8CS7	1.78	1.60	1.42
8CW5/XL86	1.28	1.15	1.02
8CX8	2.20	1.98	1.76
8EB8	2.05	1.85	1.64
8EM5	1.85	1.67	1.48
8ET7	2.08	1.87	1.66
8FQ7/8CG7★	1.18	1.06	.94
8GJ7/PCF801	1.45	1.31	1.16
8GN8	2.08	1.87	1.66
8GU7★	1.60	1.44	1.28
8JU8A	1.68	1.51	1.34
8JV8★	2.15	1.94	1.72
8KA8	2.13	1.92	1.70
8LC8	2.13	1.92	1.70
8LT8	1.35	1.21	1.08
9A8/PCF80★	1.33	1.19	1.06
9AU7	1.48	1.33	1.18
9BJ11	2.40	2.16	1.92
9BR7	1.58	1.42	1.26
9EA8	1.53	1.37	1.22
9GV8/XCL85	1.70	1.53	1.36
9KC6★	2.18	1.96	1.74
9KX6	2.08	1.87	1.66
9KZ8	1.48	1.33	1.18
9U8A	1.55	1.40	1.24
10AL11	2.28	2.05	1.82
10BQ5	1.28	1.15	1.02
10C8	2.58	2.32	2.06
10CW5/LL86	1.28	1.15	1.02
10DE7	2.23	2.00	1.78
10DR7	2.23	2.00	1.78
10DX8/LCL84	1.38	1.24	1.10
10EG7	2.18	1.96	1.74
10EM7	2.45	2.21	1.96
10EW7	2.45	2.21	1.96
10GF7A★	2.38	2.14	1.90
10GK6	1.53	1.38	1.22
10GN8	2.23	2.00	1.78
10HF8	2.45	2.21	1.96
10JA8	2.08	1.87	1.66
10JT8★	2.03	1.82	1.62
10JY8	1.83	1.64	1.46
10KR8	2.13	1.91	1.70
10KU8	2.43	2.18	1.94
10LB8★	2.35	2.11	1.88
10LE8	2.94	2.66	2.36
10LW8	2.13	1.91	1.70
10LZ8	1.48	1.33	1.18
11AR11	2.05	1.85	1.64
11BQ11	2.05	1.85	1.64
11BT11	2.95	2.66	2.36
11CY7	1.80	1.62	1.44
11FY7★	1.70	1.53	1.36
11HM7★	2.38	2.14	1.90
11JE8	1.93	1.73	1.54
11KV8	2.95	2.66	2.36
11LQ8★	2.95	2.66	2.36
11Y9/LFL200	1.85	1.67	1.48
12AB5	1.93	1.73	1.54
12AC6	1.05	.95	.84
12AD6	1.55	1.40	1.24
12AE6A	1.55	1.40	1.24
12AE10	2.33	2.09	1.86
12AF3	1.93	1.73	1.54
12AF6	1.58	1.42	1.26
12AL5	1.15	1.04	.92
12AL8	3.08	2.77	2.47
12AL11	2.10	1.89	1.68
12AQ5	1.55	1.40	1.24
12AT6	1.20	1.08	.96
12AT7/ECC81★	1.43	1.28	1.14
12AU6	1.28	1.15	1.02
12AU7A/ECC82★	1.28	1.15	1.02
12AV5GA	2.53	2.28	2.02
12AV6★	.98	.88	.78
12AV7★	1.80	1.62	1.44
12AW6	1.78	1.60	1.42
12AX3★	1.50	1.35	1.20
12AX4GTB	1.35	1.22	1.08
12AX7A/ECC83★	1.35	1.21	1.08
12AY3A	1.33	1.19	1.06
12AY7	2.60	2.34	2.08

TUBES CONTINUED ON NEXT PAGE

RCA Receiving Tubes (Cont'd)

AS NEW TYPES ARE RELEASED, ALLIED WILL STOCK THEM

To Get Free Service Aids With Your Tubes, See Page 295

When Ordering, Specify Dept. No. (25 C 28) AN
Tube Type No. Example: 25 C 28 12AZ7A.

★Indicates Tube Types for Color TV, and Other Applications

Tube Type	EA. in Quantities of:		
	1-9	10-49	50-Up
12AZ7A★	1.63	1.46	1.30
12B4A	1.60	1.44	1.28
12BA6	1.05	.95	.84
12BA7	2.95	2.66	2.36
12BD6	1.18	1.06	.94
12BE3	1.53	1.37	1.22
12BE6	1.28	1.15	1.02
12BF6	1.18	1.06	.94
12BF11★	2.18	1.96	1.74
12BH7A★	1.58	1.42	1.26
12BK5★	1.88	1.69	1.50
12BL6	1.85	1.67	1.48
12BN6	1.83	1.64	1.46
12BQ6GTB/12CU6	2.23	2.00	1.78
12BR7	1.53	1.37	1.22
12BS3A	1.85	1.67	1.48
12BT3	1.43	1.28	1.14
12BV7	1.65	1.49	1.32
12BW4	1.68	1.51	1.34
12BY7A★	1.60	1.44	1.28
12BZ6	1.20	1.08	.96
12BZ7	2.08	1.87	1.66
12C5	Use 12CU5/12C5		
12CA5	1.70	1.53	1.36
12CN5	1.63	1.46	1.30
12CR6	1.48	1.33	1.18
12CU5/12C5	1.70	1.53	1.36
12CU6	Use 12BQ6GT/12CU6		
12CX6	1.38	1.24	1.10
12D4	1.53	1.37	1.22
12DB5	1.30	1.17	1.04
12DK6	1.15	1.04	.92
12DQ6B	Use 12GW6/12DQ6B		
12DQ7	1.63	1.46	1.30
12DS7	2.70	2.43	2.16
12DT5	1.55	1.40	1.24
12DT8	2.00	1.80	1.60
12DU7	2.20	1.98	1.76
12DW7	1.53	1.37	1.22
12DY8	3.98	3.58	3.18
12DZ6	1.80	1.62	1.44
12ED5	1.35	1.21	1.08
12EK6	1.78	1.60	1.42
12EQ7	1.38	1.24	1.10
12F8	1.63	1.47	1.30
12FK6	1.28	1.15	1.02
12FM6	1.30	1.17	1.04
12FQ8	2.60	2.34	2.08
12FV7	1.70	1.53	1.36
12FX5	1.63	1.46	1.30
12FX8A	1.93	1.73	1.54
12GC6★	1.98	1.78	1.58
12GE5★	2.05	1.85	1.64
12GJ5A	2.45	2.21	1.96
12GN7A★	2.23	2.00	1.78
12GT5	2.68	2.41	2.14
12GW6/12DQ6B	2.13	1.91	1.70
12H6	2.23	2.01	1.78
12HE7	3.40	3.06	2.72
12HG7★	2.23	2.00	1.78
12HL7★	2.23	2.00	1.78
12J5GT	2.40	2.16	1.92
12J8	2.18	1.96	1.74
12JB6A	3.10	2.79	2.48
12JN6	1.95	1.76	1.56
12JN8	1.85	1.67	1.48
12JT6A	2.48	2.23	1.98
12K5	1.73	1.55	1.38
12K7GT	3.30	2.97	2.64
12KL8	1.23	1.10	.98
12L6GT	1.78	1.60	1.42
12MD8	2.43	2.18	1.94
12R5	1.68	1.51	1.34
12SA7	2.95	2.66	2.36
12SF5	1.93	1.73	1.54
12SF7	3.10	2.79	2.48
12SG7	2.35	2.12	1.88
12SH7	2.70	2.43	2.16
12SJ7	2.15	1.94	1.72
12SK7	2.23	2.01	1.78
12SK7GT	2.23	2.01	1.78
12SL7GT	2.08	1.87	1.66
12SN7GTA	1.70	1.53	1.36
12SQ7	2.23	2.01	1.36

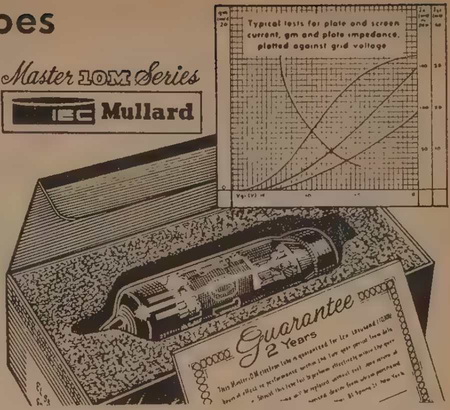
Tube Type	EA. in Quantities of:		
	1-9	10-49	50-Up
12T10★	2.13	1.91	1.70
12V6GT	2.23	2.01	1.78
12W6GT	2.23	2.01	1.78
12X4	1.13	1.01	.90
13CW4	2.53	2.27	2.02
13DE7	2.00	1.80	1.60
13DR7	2.38	2.14	1.90
13EM7/15EA7	2.68	2.41	2.14
13FD7	2.53	2.28	2.02
13FM7	1.50	1.35	1.20
13GB5/XL500	1.85	1.67	1.48
13GF7A	2.35	2.12	1.88
13J10	Use 13Z10/13J10		
13V10	2.05	1.85	1.64
13Z10/13J10	2.53	2.27	2.02
14BL11	2.80	2.52	2.24
14BR11	2.65	2.39	2.12
14GT8	1.73	1.55	1.38
14JG8	1.55	1.40	1.24
15AF11	2.38	2.14	1.90
15BD11	2.65	2.39	2.12
15CW5/PL84★	1.23	1.09	.98
15DQ8★	1.70	1.53	1.36
15FM7	1.70	1.53	1.36
15FY7	1.95	1.76	1.56
15LE8★	3.83	3.45	3.06
15KY8A	2.90	2.61	2.32
16A8	1.70	1.53	1.36
16AQ3/XY88	1.35	1.21	1.08
16GK6	1.53	1.37	1.22
16GY5	2.43	2.18	1.94
17AX3	1.30	1.17	1.04
17AX4GTA	1.85	1.67	1.48
17AY3A	1.63	1.46	1.30
17BE3/17BZ3	1.45	1.31	1.16
17BF11	2.28	2.05	1.82
17BH3	1.43	1.28	1.14
17BQ6GTB	2.60	2.34	2.08
17BS3A	1.68	1.51	1.34
17BZ3	Use 17BE3/17BZ3		
17C5	Use 17CU5/17C5		
17C9	3.58	3.22	2.86
17CK3	1.48	1.33	1.18
17CU5/17C5	1.35	1.22	1.08
17D4	1.85	1.67	1.48
17DE4	1.83	1.64	1.46
17DM4A	2.30	2.07	1.84
17DQ6B	Use 17GWG/17DQ6B		
17EW8/HCC85	1.38	1.24	1.10
17GE5	2.18	1.96	1.74
17GJ5A	2.75	2.48	2.20
17GT5A	2.45	2.21	1.96
17GV5	2.10	1.89	1.68
17GW6/17DQ6B	2.13	1.91	1.70
17JB6A	2.75	2.48	2.20
17JG6A	3.15	2.84	2.52
17JM6A	2.10	1.89	1.68
17JN6	1.95	1.76	1.56
17JT6A	2.48	2.23	1.98
17JZ8	1.78	1.60	1.42
17KV6★	3.65	3.29	2.92
17LD8	Use 15KY8A		
17X10	2.25	2.03	1.80
18FW6A	1.23	1.10	.98
18FX6A	1.48	1.33	1.18
18FY6A	1.48	1.33	1.18
18GD6A	1.48	1.33	1.18
19AU4GTA★	2.00	1.80	1.60
19BG6GA	3.33	2.99	2.66
19CL8A	1.85	1.67	1.48
19EA8	2.23	2.00	1.78
19EZ8	2.25	2.03	1.80
19GQ7	1.90	1.71	1.52
19HR6	1.23	1.10	.98
19HS6	1.20	1.08	.96
19HV8	1.88	1.69	1.50
19J6	1.85	1.67	1.48
19JN8	1.60	1.44	1.28
19KG8	1.55	1.40	1.24
19T8	2.45	2.21	1.96
19X8	2.05	1.85	1.64
20EZ7	1.70	1.53	1.36
21GY5	2.33	2.09	1.86
21JV6	2.33	2.09	1.86
21JZ6	2.43	2.18	1.94

Tube Type	EA. in Quantities o		
	1-9	10-49	50-U
21KA6	2.23	2.00	1.7
21LR8★	2.38	2.14	1.9
21LU8	2.38	2.14	1.9
22BH3A	1.55	1.40	1.2
22BW3	1.53	1.37	1.2
22DE4	1.85	1.67	1.4
22JF6	3.43	3.08	2.7
22JG6A	3.10	2.79	2.4
22JU6	3.18	2.86	2.5
22KM6★	4.10	3.69	3.2
23Z9	2.35	2.12	1.8
24JE6A★	4.25	3.83	3.4
25AV5GA	2.83	2.55	2.2
25AX4GT	1.53	1.37	1.2
25BK5	1.70	1.53	1.3
25BQ6GTB/25CU6	2.20	1.98	1.7
25C5	1.48	1.33	1.1
25CA5	1.80	1.62	1.4
25CD6GB	2.88	2.59	2.3
25CU6	Use25BQ6GTB/25CU		
25DN6	2.98	2.68	2.3
25EC6	3.08	2.77	2.4
25EH5	1.63	1.47	1.3
25L6GT	1.85	1.67	1.4
25W4GT	1.85	1.67	1.4
25Z6GT	1.93	1.74	1.5
27GB5/PL500	1.85	1.67	1.4
31JS6A★	3.65	3.29	2.9
32ET5A	1.20	1.08	.9
33GT7	3.48	3.13	2.7
33GY7A	3.03	2.72	2.4
33JV6	2.33	2.09	1.8
34GD5A	1.48	1.33	1.1
35B5	1.60	1.44	1.2
35C5	1.35	1.21	1.0
35EH5	1.70	1.53	1.3
35GL6	1.45	1.31	1.1
35L6GT	1.93	1.73	1.5
35W4	.83	.74	.6
35Y4	2.25	2.03	1.8
35Z3	2.35	2.12	1.8
35Z4GT	1.28	1.15	1.0
35Z5GT	1.93	1.73	1.5
38HE7	3.33	2.99	2.6
38HK7	3.28	2.95	2.6
40KD6	4.05	3.65	3.2
42	2.43	2.18	1.9
42KN6★	3.60	3.24	2.8
43	3.60	3.24	2.8
50A5	2.93	2.63	2.3
50B5	1.48	1.33	1.1
50C5	1.28	1.15	1.0
50DC4	1.20	1.08	.9
50EH5	1.35	1.21	1.0
50FE5	2.23	2.01	1.7
50HC6	1.20	1.08	.9
50HK6	1.08	.97	.8
50L6GT	1.78	1.60	1.4
50X6	2.93	2.63	2.3
50Y6GT	2.18	1.96	1.7
50Y7GT	2.13	1.91	1.7
60FX5	1.48	1.33	1.1
80	2.40	2.16	1.9
84/6Z4	2.60	2.34	2.0
117L7/117M7GT	4.78	4.30	3.8
117N7GT	6.43	5.79	5.1
117P7GT	6.43	5.79	5.1
117Z3	2.25	2.03	1.8
117Z6GT	3.35	3.02	2.6
5879	2.38	2.14	1.9
6973	2.30	2.07	1.8
7025	1.55	1.40	1.2
7027A	3.38	3.04	2.7
7189	1.70	1.53	1.3
7199	2.45	2.21	1.9
7247	1.60	1.44	1.2
7355	1.84	1.64	1.4
7408	1.68	1.51	1.3
7543	1.63	1.46	1.3
7581A	2.28	2.05	1.8
7591A	1.40	1.26	1.1
7695	2.20	1.98	1.7
7868	2.38	2.14	1.9
8417	2.83	2.54	2.2
EM84/6FG6	1.68	1.51	1.3

To Order, Specify Dept. No. (25 C 28) AND Tube Type N

Laboratory-Tested Hi-Fi Tubes

QUALITY TUBES GUARANTEED FOR 10,000 HOURS


Master 10M Series
IEC Mullard
Typical tests for plate and screen current, gm and plate impedance, plotted against grid voltage
Guarantee
2 Years

INDIVIDUALLY TESTED FOR:

- Tube-to-Tube Uniformity
- Noise and Microphonics
- Distortion
- Heater Current

arefully designed and selected tubes, guaranteed for 10,000 hours of ef- cient and effective performance within a two-year period from the date f purchase. (Does not apply to broken tubes.) Individually laboratory- ested to assure long life. Feature tube-to-tube and section-to-section uniform- y. Have stable, close-tolerance characteristics. Highly recommended for ny critical circuit application such as in stereo hi-fi components, broad- ast and antenna systems, instrumentation, computers, radar, commercial ound and public address systems, and many other devices. Ideal for today's echnically advanced and exacting electronic assemblies. Each is packaged nd sealed in a plastic-foam cushion for extra protection. Give optimum esults with existing equipment as well as in designing new equipment. From reat Britain. Av. shpg. wt. per tube, 5 oz.

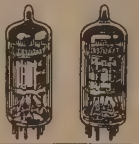
When Ordering, Please Specify Full Dept. No. AND Tube Type No.
Example: 25 C 21 6AB8

Dept. No.	Tube Type	EACH	Dept. No.	Tube Type	EACH	Dept. No.	Tube Type	EACH
25 C 21	6AB8	2.60	25 C 21	6GK5	2.30	25 C 21	ECC85/6AQ8	2.30
25 C 21	6AJ8	2.55	25 C 21	6HG8	2.85	25 C 21	ECF86/6HG8	2.95
25 C 21	6AK5	3.10	25 C 21	6J6	2.45	25 C 21	EF86/6267	2.40
25 C 21	6AK8	2.65	25 C 21	6J6A	2.45	25 C 21	PCF86/8HG8	2.55
25 C 21	6AL5	1.80	25 C 21	6T8A	2.65	25 C 21	ECC88/6DJ8	2.95
25 C 21	6AQ5	2.05	25 C 21	8HG8	2.55	25 C 21	KT88	5.60
25 C 21	6AQ5A	2.05	25 C 21	9A8	3.10	25 C 21	EBF89/6DC8	2.50
25 C 21	6AQ8	2.30	25 C 21	12AT7	2.45	25 C 21	EF89/6DA6	2.45
25 C 21	6AT6	1.90	25 C 21	12AU7	2.10	25 C 21	EBC90/6AT6	1.90
25 C 21	6AU6	1.95	25 C 21	12AU7A	2.10	25 C 21	EC90/6C4	2.70
25 C 21	6AU6A	1.95	25 C 21	12AV6	1.85	25 C 21	EK90/6BE6	2.00
25 C 21	6AV6	1.85	25 C 21	12AX7	2.10	25 C 21	EL90/6AQ5	2.05
25 C 21	6BA6	1.85	25 C 21	12AX7A	2.10	25 C 21	EB91/6AL5	1.80
25 C 21	6BE6	2.00	25 C 21	12DW7	2.45	25 C 21	EBC91/6AV6	1.85
25 C 21	6BL8	2.80	25 C 21	15CW5	2.40	25 C 21	ECC91/6J6	2.45
25 C 21	6BQ5	2.05	25 C 21	KT66	3.68	25 C 21	HBC91/12AV6	1.85
25 C 21	6BQ5A	2.05	25 C 21	KT77	4.28	25 C 21	EF93/6BA6	1.90
25 C 21	6C4	2.70	25 C 21	EABC80/6AK8	2.65	25 C 21	EF94/6AU6	1.95
25 C 21	6DC8	2.50	25 C 21	ECF80/6BL8	2.90	25 C 21	EC95/6ER5	2.30
25 C 21	6DJ8	2.85	25 C 21	ECL80/6AB8	2.60	25 C 21	EF95/6AK5	3.10
25 C 21	6DL5	2.45	25 C 21	PCF80/9A8	3.10	25 C 21	EL95/6DL5	2.45
25 C 21	6DX8	2.70	25 C 21	ECC81/12AT7	2.45	25 C 21	EC97/6FY5	2.25
25 C 21	6EH7	2.50	25 C 21	ECH81/6AJ8	2.55	25 C 21	EF183/6EH7	2.50
25 C 21	6EJ7	2.50	25 C 21	ECC82/12AU7	2.10	25 C 21	EF184/6EJ7	2.50
25 C 21	6ER5	2.30	25 C 21	ECC83/12AX7	2.10	25 C 21	ECC189/6ES8	3.30
25 C 21	6ES8	3.30	25 C 21	ECL84/6DX8	2.70	25 C 21	6267	2.40
25 C 21	6EU7	2.25	25 C 21	EL84/6BQ5	2.05	25 C 21	7025	2.25
25 C 21	6FY5	2.25	25 C 21	PL84/15CW5	2.40	25 C 21	7247/12DW7	2.45

MULLARD MATCHED PAIRS FOR SUPERIOR HI-FI PERFORMANCE

For optimum performance, it is important that the incoming signal be amplified proportionately in the push-pull output tubes in an audio amplifier. This prevents a loss of power as well as distortion of the complex wave forms of the audio signal and their harmonics.

Mullard's laboratory-balanced matched pairs are designed for this purpose. Matched pairs are available for virtually every high-fidelity amplifier. They will perform in each circuit exactly as the equipment was designed to operate. Av. shpg. wt., 10 oz.

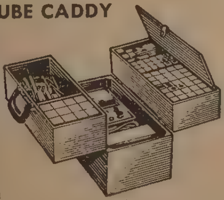


When Ordering, Specify Dept. No. (25 C 21) AND Tube Type No.

Dept. No.	Tube Type	PER PAIR	Dept. No.	Tube Type	PER PAIR	Dept. No.	Tube Type	PER PAIR
25 C 21	6AQ5A/EL90MP	2.48	25 C 21	45B5/UL84MP	2 96	....	EL90MP	Use 6AQ5A
25 C 21	6BM8/ECL82MP	3.30	25 C 21	50BM8/UCL82MP	3.48	....	EL95MP	Use 6DL5
25 C 21	6BQ5/EL84MP	3.05	25 C 21	ECL86MP	3.43	25 C 21	KT66MP	8 00
25 C 21	6CA7/EL34MP	5.93	....	EL34MP	Use 6CA7	25 C 21	KT77MP	9.25
25 C 21	6CW5/EL86MP	2.87	25 C 21	EL37MP	6.95	25 C 21	KT88MP	11.95
25 C 21	6DL5/EL95MP	3.37	25 C 21	EL84MP	2.47	....	UCL82MP	Use 50BM8
25 C 21	6GW8/ECL86MP	3.43	....	EL86MP	Use 6CW5	....	UL84MP	Use 45B5
....	....	....	....	....	....	25 C 21	7189MP	3.21

ARGOS SERVICEMEN'S TUBE CADDIES

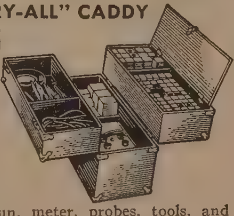
UNIOR TUBE CADDY



10.95

ype TC-201. Easy-to-carry—only wo-thirds he size and eight of or- inary cad- ies. Perfect or quick servicing trips. Holds up to 143 ubes with room for meters and tools. Break-open" section has cover and snap ock for keeping small parts in order. Gray inyl covering is long-wearing and abrasion- esistant. Has clasp lock. Plastic handle. 2½x15¾x8". Shpg. wt., 8 lbs.
24 C 9681 X.....................10.95

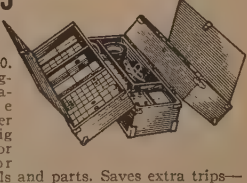
"CARRY-ALL" CADDY



$16.95

Type TC-400. One of the most popular caddies sold. Carries up to 262 tubes with room for soldering gun, meter, probes, tools, and assorted small parts. "Break-away" design permits quick access to all sections. Partitions aid in orderly arrangement of parts. Has two clasp locks; plastic carrying handle. Scuff-proof gray vinyl covering. Size, 15x21x8". Shpg. wt., 11 lbs.
24 C 9682 X.....................16.95

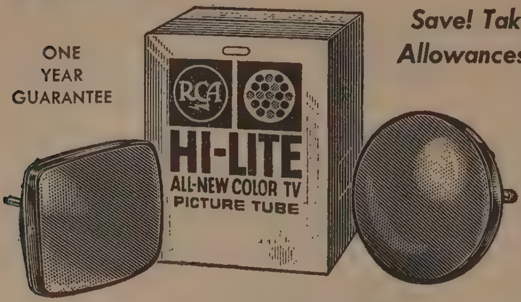
SUPER TUBE CADDY



$29.95

Type TC-600. Most rugged, durable tube caddy ever built. Big double door caddy for tubes, tools and parts. Saves extra trips—carries a full load of up to 325 tubes with space for test equipment. Steel strips protect bottom, sides from rough wear. Removable 2¾"-deep small parts tray. Gray vinyl. 16½x24x8½". 22 lbs.
24 C 9683 X. *$5 Monthly*........29.95

RCA Guaranteed TV Picture Tubes



ONE
YEAR
GUARANTEE

Save! Take Advantage of Allied's Generous Trade-I
Allowances by Returning Your Used Color Picture Tu

HI-LITE AND COLORAMA COLOR TUBES ARE SA
QUALITY TUBES AS USED IN BRAND-NEW SE

RCA Hi-Lite Color Tubes. All-new with advanced green and bl sulfide phosphors, plus rare earth red phosphor to provide co fidelity at its finest. Guaranteed for one year. **RCA Colorama Tub** Contain used materials which are carefully inspected to m RCA's standards. Guaranteed one year. Old tubes returned Allied for allowance must be shipped prepaid in the same cart in which your new tube was received. **Specify Dept. No. (25 C 2 "Ship." Letter, and Tube Type. Example: 25 C 28 Z H-15LP22.**

New Hi-Lite Color Picture Tubes

Ship.	Tube Type	Wt. Lbs.	Bulb Allow.	EACH
Z	H-15LP22	17	20.00	112.00
Z	H-15NP22	16	20.00	109.00
Z	H-19GVP22 Replaces: 19EXP22; 490JB22; 490LB22	29	25.00	133.00
Z	H-19GWP22 Replaces: 19EYP22; 19FMP22; 19FXP22	30	25.00	142.50
Z	H-21GUP22 Replaces: 21AXP22,A; 21CPY22,A; 21FBP22,A	46	17.50	111.50
Z	H-21GVP22 Replaces: 21FJP22,A; 21FKP22	54	17.50	121.00
Z	H-22JP22 Replaces: 22LP22	42	25.00	166.50
Z	H-25XP22 Replaces: 25AP22; HR/25AP22A; RE25AP22,A; REA25AP22A; 25CP22; REA25CP22; 25GP22,A; RE25GP22; 25SP22	52	25.00	163.00
Z	H-25YP22 Replaces: 25BP22,A; RE25BP22,A; 25FP22,A; RE25FP22,A; 25RP22	54	25.00	156.00

Colorama Picture Tubes

Ship.	Tube Type	Wt. Lbs.	Bulb Allow.	EAC
Z	15GP22	38	....	128.0
Z	C-15LP22	17	20.00	105.5
Z	C-15NP22	16	20.00	102.5
Z	C-19EYP22	30	25.00	112.5
Z	C-19GVP22/19EXP22	29	25.00	112.5
Z	C-19GWP22/19EYP22	30	25.00	112.5
Z	C-19HNP22	29	30.00	158.0
Z	C-21AXP22A	45	10.00	93.2
Z	C-21CYP22A	45	10.00	86.5
Z	C-21FBP22	45	17.50	76.7
Z	C-21FJP22	54	17.50	86.0
Z	C-21GUP22/21FBP22A	46	17.50	88.5
Z	C-21GVP22/21FJP22A	54	17.50	98.5
Z	C-22JP22	42	25.00	140.0
Z	C-22UP22	38	30.00	176.0
Z	C-23EGP22A	52	25.00	186.0
Z	C-25AJP22	54	30.00	188.0
Z	C-25AP22A	52	25.00	116.0
Z	C-25BP22A	52	25.00	106.0
Z	C-25XP22/25AP22A	52	25.00	116.0
Z	C-25YP22/25BP22A	54	25.00	106.0

RCA BLACK-AND-WHITE PICTURE TUBES

ALL TUBES GUARANTEED ONE FULL YEAR

- Premium Quality Name-Brand Tubes At Lowest Cost
- Replace Almost All Existing Types
- Each Carries Same Guarantee as All-New Picture Tube
- Most Have Aluminized Screens

Provide greater contrast, brighter picture. All parts and materials used are brand new, except for the envelope, which is carefully inspected to meet standards of the original new envelope. Where alternate tubes are indicated, the substitute is interchangeable with the original. New tube types are added to stock as soon as releas by the manufacturer. Allied provides you w complete, immediate satisfaction and personaliz service. Types marked with* are not illuminiz To order: **Specify Dept. No. (25 C 28), "Shi Letter, and Tube Type.**

Ship.	Type	Lbs.	EACH	Ship.	Type	Lbs.	EACH	Ship.	Type	Lbs.	EACH	Ship.	Type	Lbs.	EACH
X	5AXP4*	5	27.80	U	14DP4*	...	Use 14CP4B	U	16WP4A*	21	30.66	U	17DQP4	13	24.15
X	5TP4	5	56.80	U	14EP4*	...	Use 14CP4B	U	16XP4*	...	Use 16RP4B	U	17DRP4	14	31.98
X	7JP4*	7	22.41	U	14NP4/A	...	Use 14WP4	U	16YP4*	...	Use 16WP4A	U	17DSP4	13	21.80
X	8DP4*	8	24.07	U	14RP4/A	...	Use 14WP4	U	16ZP4*	...	Use 16LP4A	U	17DTP4	...	Use 17DK
X	8XP4	8	30.72	U	14SP4	...	Use 14WP4	U	17AP4*	...	Use 17BP4D	U	17DXP4	14	24.40
X	8YP4*	8	33.65	U	14WP4	12	28.86	U	17ATP4*	...	Use 17BJP4	U	17DZP4	...	Use 17DX
X	9WP4	10	21.45	U	14ZP4	...	Use 14WP4	U	17ATP4A	...	Use 17BJP4	U	17EBP4	...	Use 17EF
X	10BP4A*	14	27.60	U	16ALP4A	...	Use 16LP4A	U	17AVP4	...	Use 17BJP4	U	17EFP4	24	24.40
X	10BP4C/D	...	Use 10FP4A	U	16AP4A	25	20.88	U	17AVP4/A	...	Use 17BJP4	U	17EMP4	14	38.25
X	10CP4*	...	Use 10FP4A	U	16ASP4	...	Use16CMP4A	U	17BJP4	17	20.25	U	17FP4	...	Use 17HP
X	10EP4*	...	Use 10BP4A	U	16ATP4	...	Use 16CHP4A	U	17BP4B	...	Use 17BP4D	U	17FP4A	...	Use 17HP
X	10FP4A	13	29.39	U	16AYP4	9	29.39	U	17BP4D	20	18.75	U	17GP4*	...	Use 17TP
X	11AP4	...	Use 11HP4A	U	16BGP4	22	31.85	U	17BRP4	...	Use 17DSP4	U	17HP4/C	16	18.62
X	11BP4	...	Use 11HP4A	U	16BVP4	...	Use 16CMP4A	U	17BUP4	...	Use 17BJP4	U	17JP4*	...	Use 17BP
X	11CP4	4	25.80	U	16BWP4	...	Use 16BGP4	U	17BVP4	...	Use 17CSP4	U	17LP4A/B	16	20.42
X	11GP4	4	27.38	U	16CAP4	...	Use 16BGP4	U	17BWP4	...	Use 17CSP4	U	17QP4A/B	14	20.42
X	11HP4A	4	24.67	U	16CEP4	...	Use16CMP4A	U	17BZP4	...	Use 17DSP4	U	17RP4/C	...	Use 17HP
U	12BNP4A	5	28.20	U	16CHP4A	22	32.10	U	17CAP4	...	Use 17DSP4	U	17TP4*	16	19.43
U	12CFP4	...	Use 12CNP4	U	16CJP4A	...	Use16CMP4A	U	17CBP4*	...	Use 17BJP4	U	17UP4*	...	Use 17QP
U	12CGP4	...	Use 12BNP4A	U	16CMP4A	23	32.60	U	17CDP4	14	32.61	U	17DP4/B*	...	Use 17LP4
U	12CNP4	7	26.48	U	16CP4*	...	Use 16LP4A	U	17CFP4	17	24.54	U	17YP4*	...	Use 17QP
U	12JP4*	...	Use 12KP4A	U	16DP4A*	23	18.42	U	17CKP4	...	Use 17DSP4	Z	19ABP4	19	35.60
U	12KP4A	17	28.79	U	16GP4B*	...	Use 16WP4A	U	17CLP4	...	Use 17BJP4	Z	19ACP4	...	Use 19CH
U	12LP4A/C*	...	Use 12KP4A	U	16KP4/A	...	Use 16RP4B	U	17CP4*	16	25.81	Z	19AFP4	...	Use 19AU
U	12QP4/A*	...	Use 12KP4A	U	16QP4*	...	Use 16RP4B	U	17CSP4	13	24.17	Z	19AHP4	19	30.26
U	12TP4*	...	Use 12KP4A	U	16RP4B	22	18.42	U	17CWP4	...	Use 17DSP4	Z	19AJP4	19	30.26
U	12ZP4/A	...	Use 12KP4A	U	16SP4A*	...	Use 16WP4A	U	17CYP4	17	31.39	Z	19ARP4	...	Use 19AU
U	14ATP4	12	27.20	U	16TP4*	21	28.20	U	17DAP4	13	31.40	Z	19AUP4	19	37.40
U	14BP4/A*	...	Use 14CP4B	U	16UP4*	...	Use 16RP4B	U	17DHP4	...	Use 17EFP4	Z	19AVP4	19	30.26
U	14CP4/A/B*	...	Use 14CP4B	U	16VP4*	...	Use 16WP4A	U	17DKP4	14	24.15	Z	19AXP4	...	Use 19AY
U	14CP4B	14	26.07	....	....	...	....	U	17DLP4	...	Use 17DSP4	Z	19AYP4	24	30.26

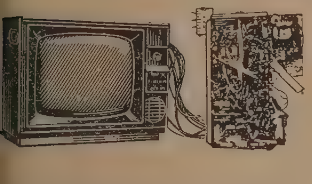
Listings Continued on Following Pa

Guaranteed TV Picture Tubes (Cont'd)

HOW TO ORDER: Specify Dept. No. 25 C 28, "X," "U," or "Z" Shipment and Tube Type No.

hip.	Type	Lbs.	EACH	Ship.	Type	Lbs.	EACH	Ship.	Type	Lbs.	EACH	Ship.	Type	Lbs.	EACH
Z	19BDP4	24	27.19	Z	20LP4	...	Use 20HP4E	Z	21XP4A/B	33	29.46	Z	23FRP4	40	41.75
Z	19BHP4	...	Use 19AVP4	Z	20MP4*	...	Use 20HP4E	Z	21YP4A/B	32	17.56	Z	23FSP4	40	41.75
Z	19BLP4	...	Use 19AVP4	Z	20SP4	21	39.80	Z	21ZP4B/C	33	17.56	Z	23FVP4/A	...	Use23HFP4A
Z	19BTP4	26	30.26	Z	20TP4	21	39.20	Z	23AFP4	...	Use 23YP4	Z	23GBP4	...	Use23HFP4A
Z	19BVP4	...	Use 19AVP4	Z	21ACP4/A	...	Use21AMP4B	Z	23AHP4	39	35.40	Z	23GEP4	...	Use 23FBP4
Z	19BWP4	...	Use 19AVP4	Z	21AFP4*	...	Use 21YP4B	Z	23ALP4	...	Use 23CQP4	Z	23GJP4/A	34	41.00
Z	19CDP4	...	Use 19CXP4	Z	21ALP4/A/B	...	Use21CBP4A	Z	23ANP4	...	Use 23BLP4	Z	23GP4	...	Use 23CP4
Z	19CFP4	...	Use 19CHP4	Z	21AMP4A/B	35	17.72	Z	23ARP4	35	38.50	Z	23GSP4	40	41.60
Z	19CHP4	24	30.26	Z	21ANP4/A	...	Use21CBP4A	Z	23ASP4	36	35.40	Z	23GTP4	...	Use 23ETP4
Z	19CJP4	...	Use 19AVP4	Z	21AP4*	...	Use 21ZP4C	Z	23ATP4	...	Use 23BLP4	Z	23GWP4	...	Use23GJP4A
Z	19CKP4	...	Use 19CHP4	Z	21AQP4/A	...	Use21AMP4B	Z	23AUP4	...	Use 23AHP4	Z	23GXP4	...	Use 23GSP4
Z	19CLP4	...	Use 19BDP4	Z	21ASP4*	...	Use 21XP4B	Z	23AVP4	...	Use 23CP4	Z	23HFP4A	40	40.40
Z	19CMP4	26	30.26	Z	21ATP4/A/B	...	Use 21CBP4	Z	23AWP4	...	Use 23BJP4	Z	23HGP4	40	41.60
Z	19CQP4	...	Use 19CXP4	Z	21AUP4/A/B	...	Use21AVP4C	Z	23BDP4	...	Use 23YP4	Z	23HFP4	...	Use23HFP4A
Z	19CRP4	...	Use 19BDP4	Z	21AVP4B/C	24	23.82	Z	23BGP4	36	37.50	Z	23HLP4	...	Use 23GSP4
Z	19CXP4	26	30.26	Z	21AWP4/A	26	23.82	Z	23BHP4	...	Use 23BGP4	Z	23HP4	...	Use 23CP4
Z	19CYP4	...	Use 19BTP4	Z	21AYP4*	...	Use 21XP4B	Z	23BJP4	35	35.40	Z	23HQP4	...	Use 23HGP4
Z	19DCP4	...	Use 19DRP4	Z	21BAP4	...	Use21CBP4A	Z	23BKP4	44	37.50	Z	23HRP4	...	Use23HWP4A
Z	19DEP4	...	Use 19AVP4	Z	21BCP4	...	Use 21YP4B	Z	23BLP4	45	41.42	Z	23HUP4A	40	40.50
Z	19DFP4	...	Use 19CHP4	Z	21BDP4	...	Use21AVP4C	Z	23BNP4	...	Use 23CP4	Z	23HWP4	...	Use23HWP4A
Z	19DHP4	...	Use 19DSP4	Z	21BNP4	...	Use21CBP4A	Z	23BQP4	40	39.00	Z	23HWP4A	28	42.00
Z	19DLP4	...	Use 19CHP4	Z	21BSP4	...	Use21AMP4B	Z	23BTP4	...	Use 23YP4	Z	23HXP4	...	Use23HFP4A
Z	19DQP4	26	32.87	Z	21BTP4	...	Use21CBP4A	Z	23BVP4	...	Use 23YP4	Z	23JP4	43	38.87
Z	19DRP4	26	32.87	Z	21CBP4A	33	17.72	Z	23BWP4	...	Use 23YP4	Z	23KP4A	...	Use 23FP4A
Z	19DSP4	26	32.87	Z	21CEP4/A	...	Use 21DFP4	Z	23CBP4	35	41.42	Z	23MP4/A	...	Use 23FP4A
Z	19DUP4	...	Use 19ENP4A	Z	21CMP4	...	Use21CBP4A	Z	23CGP4	40	35.08	Z	23NP4	40	33.08
Z	19DWP4	...	Use 19DQP4	Z	21CQP4	20	31.09	Z	23CP4	36	39.00	Z	23TP4	...	Use 23YP4
Z	19EAP4	...	Use 19ENP4A	Z	21CUP4	...	Use21AMP4B	Z	23CP4A	...	Use 23CP4	Z	23UP4	...	Use 23BQP4
Z	19EBP4	26	35.00	Z	21CVP4	...	Use21CBP4A	Z	23CQP4	36	33.10	Z	23WP4	...	Use 23FP4A
Z	19EDP4	...	Use 19DRP4	Z	21CWP4	...	Use21CBP4A	Z	23CZP4	...	Use 23AHP4	Z	23XP4	...	Use 23YP4
Z	19EGP4	26	35.00	Z	21CXP4	...	Use 21DSP4	Z	23DAP4	28	35.50	Z	23YP4	48	38.87
Z	19EHP4/A	...	Use 19DRP4	Z	21CZP4	...	Use21DEP4A	Z	23DBP4	30	39.17	Z	23ZP4	...	Use 23BLP4
Z	19EJP4	...	Use 19FEP4B	Z	21DAP4	...	Use21DEP4A	Z	23DLP4	...	Use 23ENP4	Z	24ADP4	...	Use 24CP4B
Z	19ELP4	...	Use 19AVP4	Z	21DEP4A	26	27.40	Z	23DLP4A	...	Use 23ENP4	Z	24AEP4	46	25.00
Z	19ENP4A	26	32.87	Z	21DFP4	33	27.40	Z	23DNP4	...	Use 23BLP4	Z	24AHP4	40	38.10
Z	19ERP4	...	Use 19DRP4	Z	21DHP4	32	31.03	Z	23DYP4	...	Use 23ETP4	Z	24AJP4	...	Use 24ATP4
Z	19ESP4	...	Use 19DSP4	Z	21DLP4	30	26.06	Z	23DZP4	...	Use 23EQP4	Z	24ALP4	...	Use 24AHP4
Z	19EUP4	...	Use 19DRP4	Z	21DMP4	...	Use 21FAP4	Z	23ECP4	...	Use 23ENP4	Z	24ANP4	...	Use 24AEP4
Z	19EVP4	...	Use 19DQP4	Z	21DNP4	...	Use 21CBP4	Z	23EDP4	...	Use 23EKD4	Z	24ATP4	39	46.68
Z	19EWP4	...	Use 19DQP4	Z	21DQP4	...	Use 21DLP4	Z	23EKP4	29	40.20	Z	24AUP4	39	35.51
Z	19FCP4	...	Use 19DQP4	Z	21DSP4	37	23.89	Z	23ENP4	33	40.20	Z	24AVP4	...	Use 24BEP4
Z	19FDP4	...	Use 19DQP4	Z	21EAP4	...	Use 21FDP4	Z	23EP4	...	Use23HFP4A	Z	24BAP4	34	52.80
Z	19FEP4B	26	33.78	Z	21EMP4	...	Use 21EQP4	Z	23EQP4	40	39.95	Z	24BEP4	36	49.10
Z	19FJP4/A	...	Use 19DQP4	Z	21EP4B/C	35	24.60	Z	23ESP4	...	Use23HFP4A	Z	24CP4A/B	33	25.00
Z	19FLP4	26	35.40	Z	21EQP4	29	31.03	Z	23ETP4	41	39.00	Z	24DP4/A	...	Use 24AEP4
Z	19FQP4	...	Use 19EGP4	Z	21ESP4	...	Use 21FAP4	Z	23EWP4/A	...	Use 23EQP4	Z	24QP4*	...	Use 24CP4B
Z	19FSP4	...	Use19ENP4A	Z	21EVP4	...	Use 21FDP4	Z	23EYP4	44	43.80	Z	24TP4	...	Use 24CP4B
Z	19FTP4	...	Use 19FLP4	Z	21FAP4	29	20.68	Z	23EZP4	40	42.80	Z	24VP4/A	...	Use 24CP4B
Z	19GJP4/A	...	Use 19DQP4	Z	21FDP4	29	39.50	Z	23FBP4	40	43.30	Z	24XP4*	...	Use 24CP4B
Z	19XP4	...	Use 19AVP4	Z	21FLP4	...	Use21CBP4A	Z	23FCP4	...	Use23GJP4A	Z	24YP4	...	Use 24AEP4
Z	19YP4	...	Use 19BTP4	Z	21FP4C	...	Use 21FP4D	Z	23FDP4	...	Use23GJP4A	Z	24ZP4	...	Use 24AEP4
Z	19ZP4	...	Use 19AVP4	Z	21FP4D	35	24.70	Z	23FEP4	...	Use 23ENP4	Z	27EP4	...	Use 27RP4A
Z	20CP4*	...	Use 20DP4D	Z	21FVP4	19	40.96	Z	23FHP4	...	Use23GJP4A	Z	27GP4*	...	Use 27RP4A
Z	20CP4A/B/C	...	Use 20DP4D	Z	21FWP4	...	Use 21FVP4	Z	23FJP4	...	Use 23ETP4	Z	27NP4*	...	Use 27RP4A
Z	20CP4D		Use 20DP4D/E	Z	21FZP4	...	Use 21FVP4	Z	23FLP4	...	Use 23EKP4	Z	27RP4/A	62	71.42
Z	20DP4C/D	24	35.40	Z	21GAP4A	23	42.08	Z	23FMP4	...	Use 23HFP4	Z	230RB4	...	Use 19WP4
Z	20HP4D/E	30	35.40	Z	21WP4A/B	31	29.46	Z	23FP4A	34	33.10	Z	310AVB4	...	Use 12CNP4

RCA COLOR AND B&W TV SERVICING EQUIPMENT



RCA MARK II TV COLOR TEST JIG

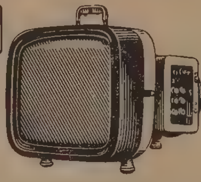
- Trouble-Shoot TV in Customer's Home
- Lightweight, Completely Portable

Trouble-shoot TV chassis, including degaussing circuits. For RCA 90° rectangular chassis (18" dia., 180 sq. in.; 20" dia., 227 sq. in.; 23" dia., 295 sq.) *plus* RCA 21" 70° round receivers made within the past 10 yrs. Deflection yoke, blue lateral magnet assembly, convergence components. 19x24½x 16". Less CRT tube, speaker.

21 C 4246 U. Shpg. wt., 32 lbs.... **99.50**

21 C 4247. 10J115 Extension Cables, Adapter Kit for Mark II. For color. 2 lbs.... **20.85**

NEW at ALLIED



MARK III DELUXE PORTABLE JIG

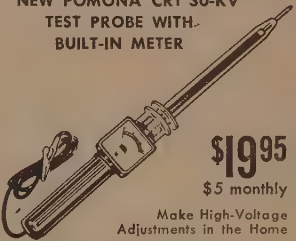
- Matched Components for Accuracy
- With Needed Deflection Components

Identify problems in the tube neck and components without removing chassis. For RCA 90° rectangular chassis (18" dia., 180 sq. in.; 20" dia., 227 sq. in.; 23" dia., 295 sq. in.) *plus* RCA 21" 70° round receivers made in past 10 yrs. Deflection yoke, purity and blue lateral magnet assembly. 15x17¾x 17⅝". Less CRT.

21 C 4221 U. Shpg. wt., 16 lbs... **99.50**

21 C 4222. 10J116 Extension Cables, Adapter Kit for Mark III. For color. 2 lbs... **19.20**

NEW POMONA CRT 30-KV TEST PROBE WITH BUILT-IN METER



$19.95

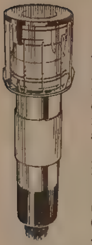
$5 monthly

Make High-Voltage Adjustments in the Home

New self-contained probe is small enough to carry in a tube caddy. Tests high voltage on any color or black-and-white TV set. Features exclusive built-in voltmeter. Range: 0-30,000 VDC. Sensitivity: 20K ohms/volt (50 μA) movement. ±3% full scale. Multiplier: 600 meg-ohms, ±2% full scale. High-impact thermoplastic handle and polystyrene probe, 14¾" long.

21 C 4160. Shpg. wt., 8 oz.. **19.95**

Special-Purpose High Reliability Tubes



ORDERING INFORMATION

When ordering, be sure to include the full Stock No. of each tube you need. This consists of two parts. **1.** The Department No., and **2.** The Tube Type No. i.e., 59 C 1 (Dept. No.) OA3, (Tube Type); thus 59 C 1-OA3.

USE YOUR ALLIED CREDIT FUND TO BUY TUBES

Buy all the tubes you need now and take up to two years to pay. Allied's Credit Fund Plan gives you top buying power and the best credit terms in the electronics industry. There's no money down . . noth- ing to pay for 30 days. Pay only $5 monthly for up to $100 worth of tubes or *anything* that Allied sells.

Highly reliable, special-purpose tubes from famous manufacturers. Meet exacting specifications in commercial, military, Amateur, and experimental uses. Carefully made and thoroughly tested. Special high-fidelity tubes are followed by bracke in table below. (Type in brackets indicates recei ing tube prototype.) All are directly interchang able; need no rewiring.

DEPARTMENT NO. KEY TO NAMES OF MANUFACTURERS

59 C 1	Radio Corporation of America	**59 C 4**	Amperex
59 C 2	Raytheon	**59 C 12**	Sylvania Electric
59 C 3	General Electric		

Stock No.		EACH
Dept.	Tube Type	
59 C 1	OA2	1.32
59 C 4	OA2/150C2	1.26
59 C 1	OA3	1.54
59 C 3	OA4G	1.90
59 C 1	OB2	1.37
59 C 4	OB2/108C1	1.32
59 C 1	OB2 WA	2.40
59 C 1	OC2	1.50
59 C 1	OC3	1.50
59 C 1	OD3	1.44
59 C 4	OG3/85A2	2.30
59 C 2	1AD4	2.80
59 C 2	1AG4	7.30
59 C 1	1P39	3.45
59 C 1	1P40	5.05
59 C 1	2D21	1.29
59 C 1	2E26	3.95
59 C 1	2X2A	4.20
59 C 1	3A4	1.25
59 C 1	3A5	2.03
59 C 3	5R4GYA	2.05
59 C 1	5R4GYB	2.03
59 C 12	5UP1	21.50
59 C 12	5Y3WGTA	4.05
59 C 1	6AK6	1.40
59 C 2	6AN5	4.17
59 C 1	6AS6	3.43
59 C 1	6AS7G	4.93
59 C 12	6D4	2.85
59 C 1	6DJ8/EC88	1.89
59 C 1	6J4	4.02
59 C 1	6X4W	1.60
59 C 1	12AT7WA	2.53
59 C 4	EL34(6CA7)	2.68
59 C 4	GZ34(5AR4)	2.62
59 C 4	EL37	5.43
59 C 4	DM70(1M3)	1.13
59 C 4	EABC80	1.88
59 C 4	ECF80(6BL8)	1.35
59 C 4	EF80(6BX6)	2.28
59 C 4	EZ80(6V4)	.75
59 C 4	ECC81(12AT7)	1.93
59 C 4	ECH81(6AJ8)	1.38
59 C 4	EZ81(6CA4)	1.23
59 C 4	ECC82(12AU7)	1.15
59 C 1	83	1.89
59 C 4	ECC83(12AX7A)	1.25
59 C 4	EL84(6BQ5)	1.48
59 C 4	EM84(6FG6)	1.65
59 C 4	EL84MP(6BQ5)	2.58
59 C 4	ECC85(6AQ8)	1.50
59 C 4	EF85(6BY7)	1.68
59 C 4	ECL86(6GW8)	1.53
59 C 4	EF86(6267)	1.40
59 C 4	EL86(6CW5)	1.38
59 C 4	UF86	2.65
59 C 4	ECC88(6DJ8)	1.90
59 C 4	EBF89(6DC8)	1.53
59 C 4	EF89(6DA6)	2.10
59 C 4	EZ90(6X4)	.90
59 C 4	EF91	3.53
59 C 4	EF95	2.25
59 C 4	EL95(6DL5)	1.48
59 C 12	GB407A	5.90
59 C 12	GB408A	4.95
59 C 1	417A See 5842	417A
59 C 2	512AX	4.15
59 C 2	533AX	4.20
59 C 1	807	3.80
59 C 1	811A	7.75
59 C 1	812A	7.20
59 C 1	816	4.10
59 C 1	866A	3.75
59 C 4	866AX	4.50
59 C 1	872A	10.70
59 C 1	884	2.28
59 C 1	922	3.80
59 C 1	923	5.00
59 C 1	925	5.45
59 C 1	926	5.15
59 C 1	927	6.45
59 C 1	929	3.65
59 C 1	930	5.30
59 C 1	931A	12.10
59 C 2	1026	4.80
59 C 1	1612	5.77
59 C 1	1614	4.93
59 C 1	1619	6.23
59 C 1	1620	7.55
59 C 1	1622	5.35
59 C 1	1625	5.80
59 C 1	1629	2.04
59 C 1	1635	4.20
59 C 1	2050	2.40
59 C 3	2050A	2.05
59 C 2	2050W	7.50
59 C 1	5557	9.50
59 C 1	5581	5.30
59 C 1	5582	6.75
59 C 1	5583	8.75
59 C 1	5642	3.53
59 C 1	5651A	1.78
59 C 1	5654	2.41
59 C 1	5654/6AK5W/ 6096	2.45
59 C 1	5670	2.45
59 C 1	5670WA	2.45
59 C 2	5672	2.27
59 C 2	5676	3.05
59 C 1	5686	3.37
59 C 3	5687	4.05
59 C 1	5691	8.75
59 C 1	5692	8.25
59 C 1	5693	6.60
59 C 1	5696	1.95
59 C 2	5702	4.20
59 C 1	5718	3.65
59 C 1	5725	3.15
59 C 3	5725/6AS6W	3.15
59 C 1	5726/6AL5W	1.55
59 C 1	5727	2.90
59 C 1	5727/2D21W	2.90
59 C 1	5749	2.20
59 C 3	5749/6BA6W	2.20
59 C 1	5750	3.45
59 C 1	5751	2.55
59 C 1	5751WA	2.55
59 C 2	5755	9.30
59 C 1	5763	2.45
59 C 1	5814A	2.35
59 C 1	5823	1.72
59 C 3	5824	3.60
59 C 1	5840	5.35
59 C 1	5842 ′417A	7.35
59 C 3	5844	2.40
59 C 12	5845	9.95
59 C 4	5847	9.55
59 C 1	5876A	7.30
59 C 3	5879	2.20
59 C 3	5881	3.50
59 C 3	5881MP	7.85
59 C 2	5886	5.00
59 C 1	5902	4.80
59 C 1	5915	1.62
59 C 1	5963	1.36
59 C 1	5964	1.55
59 C 1	5965	1.92
59 C 3	5965A	1.90
59 C 1	6005	3.23
59 C 4	6007	1.72
59 C 1	6012	7.65
59 C 1	6021	3.50
59 C 1	6072	3.90
59 C 3	6072A	4.10
59 C 1	6073	3.00
59 C 1	6074	3.45
59 C 1	6080	5.33
59 C 3	6087/5Y3WGTB	6.28
59 C 2	6088	3.35
59 C 1	6111	3.70
59 C 1	6112	4.15
59 C 1	6136	2.70
59 C 1	6146A	4.35
59 C 1	6146B/8298A	5.20
59 C 1	6146W/7212	6.75
59 C 1	6189/12AU7WA	3.70
59 C 1	6197	2.30
59 C 1	6201	2.95
59 C 3	6202/6X4W	4.10
59 C 3	6203	4.30
59 C 1	6211	2.15
59 C 3	6216	4.00
59 C 3	6265	4.30
59 C 4	6267/EF86	1.30
59 C 1	6293	5.95
59 C 1	6350	1.85
59 C 4	6360	4.95
59 C 4	6360A	4.95
59 C 1	6417	3.33
59 C 2	6418	3.20
59 C 3	6463	1.90
59 C 2	6485	2.05
59 C 1	6550	4.59
59 C 1	6550V1	9.25
59 C 1	6626/OA2WA	3.35
59 C 1	6661/6BH6	1.3
59 C 1	6663/6AL5	.9
59 C 1	6677/6CL6	1.8
59 C 1	6678/6U8A	1.6
59 C 1	6679/12AT7	1.3
59 C 1	6680/12AU7A	1.2
59 C 4	6688A	6.8
59 C 1	6883	4.3
59 C 4	6922/E88CC	4.8
59 C 4	6977	2.5
59 C 4	7025A	1.4
59 C 1	7054	1.5
59 C 1	7056	.9
59 C 1	7059	1.4
59 C 1	7060	1.2
59 C 1	7061	1.9
59 C 4	7062	2.3
59 C 4	7119	2.9
59 C 3	7167	1.4
59 C 4	7189	1.5
59 C 3	7233	2.5
59 C 3	7239	7.6
59 C 4	7247	1.6
59 C 4	7308	5.2
59 C 1	7360	3.7
59 C 1	7551	3.3
59 C 1	7558	3.4
59 C 1	7586	3.3
59 C 1	7587	5.2
59 C 1	7735B	170.0
59 C 4	7737	8.3
59 C 4	7788	10.2
59 C 1	7895	3.3
59 C 1	7898	1.3
59 C 1	7905	3.8
59 C 3	7984	5.3
59 C 1	8008	11.8
59 C 1	8032	4.9
59 C 1	8056	5.0
59 C 3	8068	3.8
59 C 3	8136	2.5
59 C 4	8228	2.9
59 C 1	9001	5.3
59 C 1	9002	4.1
59 C 1	9003	5.3

ALLIED STOCKS A WIDE VARIETY OF HIGH-RELIABILITY AND SPECIAL-PURPOSE TUBES FOR ALL YOUR ELECTRONIC REQUIREMENTS

- Over 800 Types
- Credit Fund Purchases
- Immediate Shipment
- Write for Free Information

Allied keeps in stock and ready for immediate shipment over 800 types of special-purpose and high-fidelity tubes. Due to space requirements however, we can only list the most popular of these tubes in our catalog. If you need a special-purpose or high-fidelity tube type not listed, simply write Allied for prompt information. Use your Allied Credit Fund Account when you make a special-purpose tube purchase. No money down, up to two years to pay.

Mallory "Duracell" Mercury Batteries

- **Extremely Long Shelf Life • Uniform Discharge Voltage**
- **Ideal for Applications that Demand High Reliability**
- **Extended Operating Life Ensured by Superior Construction**
- **Self-Venting of TR Types to Release Excessive Gas**

Mercury batteries provide more power per unit of volume than any other type. Voltage stability is excellent throughout long operating life, and shelf storage life is outstanding. Actually cost less per listening hour than other batteries in most transistor radios. "T" suffix indicates ½" tab on negative terminal; "T2" suffix indicates tabs on both ends. * Indicates capacity in milliampere hours. † With snap terminals.

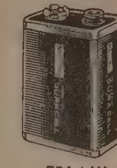
Stock No.	Mfr's Type	Price	Volts	mAH*	Use	Dia. x Ht. or HWD	Replaces	
							Eveready	Burgess
18 C 5921	RM1	Pkg. of 2 for 1.14	1.4	1000	Electronic	5/8x2 1/32"	E1	HG1
18 C 5922	RM1R	Pkg. of 2 for 1.28	1.35	1000	Electronic	5/8x2 1/32"	E1N	HG1R
18 C 5800	RM1RT	Pkg. of 2 for 1.38	1.35	1000	Electronic	5/8x2 1/32"	....	....
18 C 5924	RM3R	Pkg. of 2 for 2.10	1.35	2200	Electronic	1x2 1/32"	E3	HG3
18 C 5925	RM4R	Pkg. of 2 for 2.62	1.35	3400	Electronic	1 1/5x2 1/32"	E4	HG4R
18 C 5926	RM4RT	Pkg. of 2 for 2.72	1.35	3400	Electronic	1 1/5x2 1/32"	....	....
18 C 5927	RM4Z	Pkg. of 2 for 2.00	1.4	2400	Electronic	1 1/5x1/2"	....	....
18 C 5929	RM12R	Pkg. of 2 for 2.10	1.35	3600	Electronic	5/8x1 61/64"	E12N	HG12R
18 C 5930	RM12RT	Pkg. of 2 for 2.20	1.35	3600	Electronic	5/8x1 61/64"	....	....
18 C 5931	RM12RT2	Pkg. of 2 for 2.30	1.35	3600	Electronic	5/8x1 61/64"	....	....
18 C 5981	RM41	Pkg. of 6 for 1.62	1.4	1005	Electronic	0.16x0.46"	....	....
18 C 5687	RM42R	3.15 each	1.35	14000	Electronic	1 1/5x2 3/8"	E42N	HG42R
18 C 5375	RM42RT2	3.25 each	1.35	14000	Electronic	1 1/5x2 3/8"	....	....
18 C 5950	RM312	Pkg. of 2 for .48	1.4	36	Electronic	5/16x9/64"	E312	HG312
18 C 5890	RM401	Pkg. of 2 for 1.00	1.4	800	Electronic	29/64x1 1/8"	E401	HG401
18 C 5967	RM401R	Pkg. of 2 for 1.20	1.35	800	Electronic	29/64x1 1/8"	E401N	HG401R
18 C 5953	RM412	Pkg. of 2 for 5.52	22.4	160	Electronic	1x1 9/32x1 31/32"	....	....
18 C 5954	†RM413	Pkg. of 2 for 6.92	28.0	160	Electronic	1x1 9/32x2 1/2"	....	....
18 C 5955	†RM415	Pkg. of 2 for 10.20	42.0	160	Electronic	1x1 9/32x3 1/2"	....	....
18 C 5957	RM502R	Pkg. of 2 for 1.74	1.35	2400	Electronic	1/2x1 31/32"	E502	HG502R
18 C 5969	RM625	Pkg. of 2 for .84	1.4	250	Electronic	5/8x1/4"	E625	HG625
18 C 5961	RM625R	Pkg. of 2 for 1.06	1.35	250	Electronic	5/8x1/4"	E625	HG625R
18 C 5959	RM625RT2	Pkg. of 2 for 1.26	1.35	250	Electronic	5/8x1/4"	....	....
18 C 5892	RM640	Pkg. of 2 for .84	1.4	500	Electronic	5/8x7/16"	E640	HG640
18 C 5971	RM640R	Pkg. of 2 for 1.06	1.35	500	Electronic	5/8x7/16"	E640N	HG640R
18 C 5899	RM675	Pkg. of 6 for 1.92	1.4	160	Electronic	29/64x13/64"	E675	HG675
18 C 5804	TR112	Pkg. of 2 for 3.14	2.8	350	Electronic	21/32x19/64"	....	....
18 C 5893	TR113R	Pkg. of 2 for 3.44	4.05	250	Electronic	21/32x53/64"	E113	H113R
18 C 5972	TR115	Pkg. of 2 for 4.12	7	350	Dictating	21/32x1 5/16"	E115	....
18 C 5896	TR115R	Pkg. of 2 for 4.12	6.75	250	Electronic	21/32x1 5/16"	E115N	....
18 C 5891	TR126	Pkg. of 2 for 2.64	8.4	600	Radio	3/4x2"	E126	H126
18 C 5973	TR132	Pkg. of 2 for 2.10	2.8	1000	Paging	21/32x1 5/16"	E132	....
18 C 5898	TR132R	Pkg. of 2 for 2.34	2.7	1000	Electronic	21/32x1 5/16"	E132N	H132R
18 C 5883	TR133	Pkg. of 2 for 2.64	4.2	1000	Radio/Pag.	21/32x2"	E133	H133
18 C 5932	TR133R	Pkg. of 2 for 2.70	4.05	1000	Radio/Pag.	21/32x2"	E1133N	H133R
18 C 5933	TR134R	Pkg. of 2 for 3.44	5.4	1000	Electronic	21/32x2 9/64"	E134N	H134R
18 C 5934	TR135R	Pkg. of 2 for 4.00	6.75	1000	Electronic	21/32x3 1/4"	E135N	H135R
18 C 5978	TR136	Pkg. of 2 for 4.54	8.4	1000	Electronic	21/32x3 29/32"	E136	....
18 C 5935	TR136R	Pkg. of 2 for 4.80	8.1	1000	Electronic	21/32x3 29/32"	E136N	H136R
18 C 5985	TR137R	Pkg. of 2 for 5.52	9.45	1000	Electronic	21/32x4 9/16"	E137R	H137R
18 C 5884	†TR146X	Pkg. of 2 for 2.64	8.4	585	Radio	1x21/32x1 23/32"	E146	H146
18 C 5986	TR152	Pkg. of 2 for 1.74	2.8	350	Electronic	15/32x1 1/8"	E152	....
18 C 5940	TR163	Pkg. of 2 for 2.62	4.2	500	TV Tuner	21/32x1 5/16"	E163	H163
18 C 5885	TR164	Pkg. of 2 for 2.64	5.6	500	Radio	21/32x1 3/4"	E164	H164
18 C 5988	TR164R	Pkg. of 2 for 3.14	5.4	500	Electronic	21/32x1 3/4"	E164N	H164R
18 C 5941	TR165	Pkg. of 2 for 3.40	7.0	500	TV Tuner	21/32x2 3/16"	E165	H165
18 C 5812	TR165R	Pkg. of 2 for 3.80	6.75	500	Electronic	21/32x2 3/16"	....	....
18 C 5942	TR169	Pkg. of 2 for 7.00	12.6	500	Electronic	21/32x3 7/8"	E169	....
18 C 5887	†TR177	Pkg. of 2 for 2.64	9.8	160	Radio	35/64x1 29/32"	E177	H177
18 C 5888	TR233	Pkg. of 2 for 4.68	4.2	2200	Radio	1 1/64x1 31/32"	E233	H233
18 C 5360	TR234R	3.15 each	5.6	2200	Electronic	1 1/64x1 31/32"	E234	....
18 C 5943	TR235R	Pkg. of 2 for 7.34	6.75	2200	Electronic	1 1/64x2 19/32"	E235N	....
18 C 5991	TR236R	Pkg. of 2 for 8.30	8.1	2200	Electronic	1 1/64x3 1/4"	E236N	....
18 C 5889	†TR286	Pkg. of 2 for 2.70	8.4	750	Radio	1 1/64x3 7/32"	E286	....
18 C 5944	†TR289	Pkg. of 2 for 5.40	12.6	750	CB Radio	1 1/2x2 3/32"	HG9	....
18 C 5813	†TR431	Pkg. of 2 for 5.40	10.7	1000	Dictation	1x2 7/8"	....	....
18 C 5881	ZM9	Pkg. of 2 for 1.28	1.4	2400	Radio	1/2x31/32"	E9	HG9
18 C 5814	ZM12	1.05 each	1.4	3600	Clock	5/8x2"	....	....

LOW-COST RECHARGEABLE ALKALINE BATTERIES (‡Rechargeable Capacity, mAH)

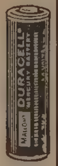
Stock No.	Mfr's Type	Price	Volts	mAH	Use	Dia. x Ht. or HWD	Eveready	Burgess
18 C 5815	SA13D	1.00 each	1.5	2000‡	Electronic	1.3x2.367"	....	....
18 C 5816	SA14C	.81 each	1.5	1000‡	Electronic	1.01x1.94"	....	....
18 C 5817	SA15AA	.52 each	1.5	300‡	Electronic	0.55x1.94"	....	....

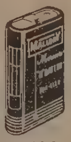
ALKALINE DURACELL BATTERIES (‡Rechargeable Capacity, mAH)

Stock No.	Mfr's Type	Price	Volts	mAH	Use	Dia. x Ht. or HWD	Eveready	Burgess
18 C 5128	MN1300B	.60 each	1.5	10,000‡	All-Purpose "D"	D	....	....
18 C 5130	MN1400B	.44 each	1.5	5000‡	All-Purpose "C"	C	....	....
18 C 5131	MN1500B	Pkg. of 2 for .66	1.5	1800‡	All-Purpose "AA"	AA	....	....
18 C 5132	MN1604B	.85 each	9.0	190‡	Transistor Radio	....	....	....
18 C 5133	MN2400B	Pkg. of 2 for .66	1.5	750‡	All-Purpose "AAA"	AAA	....	....
18 C 5134	MN9100B	Pkg. of 2 for .54	1.5	580‡	All-Purpose "N"	N	....	....


TR146X

TR133


ZM9


RM412

RM640

RM625

MN1300

SA13D

NEW GENERAL ELECTRIC PERMACELL NICKEL-CADMIUM BATTERY SYSTEM

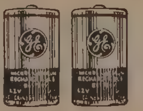
RECHARGEABLE NICKEL-CADMIUM BATTERIES

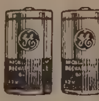
Eliminate constant replacing of dead or weak batteries in toys, tape recorders, transistor radios, flash equipment, other electronic devices. Recharge up to 1000 times or more with BC-1 Battery Charger below (not recommended for other chargers). Rugged, sealed construction, uniform power output. Available in popular sizes: AA, C, or D.

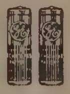
Stock No.	Mfr's Type	Volts	Ampere Hours	Size	PRICE
18 C 5237	GC-3	1.2	1.0	D	Pkg. of 2 for 2.79
18 C 5236	GC-2	1.2	1.0	C	Pkg. of 2 for 2.79
18 C 5235	GC-1	1.2	1.0	AA	Pkg. of 2 for 2.49

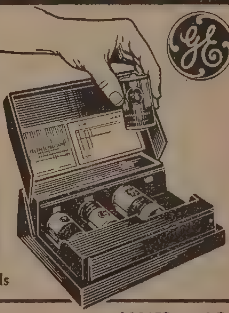
MODEL BC-1 BATTERY CHARGER

Charges 2 or 4 of the above (same-size) batteries, or any two pairs simultaneously. Brings batteries to peak performance in 15 hours. Automatic operation. Positive terminals, spring loaded. 7⅛x5½x2½". 110-120 VAC. **18 C 5238.** Shpg. wt., 3 lbs. 7.49


"D" Cells


"C" Cells


"AA" Cells



Depend on Allied to Supply You with All the Batteries You Need

Burgess Quality-Engineered Batteries

FLASHLIGHT AND GENERAL-PURPOSE BATTERIES

No. 1

Z

No. 2

Stock No.	Mfr's Type	PRICE	Volts	Size	Wt., Oz.	Replaces Eveready	Replaces Ray-O-Vac	Replaces RCA	Replaces NEDA
18 C 5779	2	Pkg. of 2 for .33	1½	2 3/8x1 21/64″ dia. (D)	10	950	2D	VS036	13F
18 C 5781	210	Pkg. of 2 for .33	1½	2 3/8x1 21/64″ dia. (D)	10	1050	3D	....	13C
18 C 5865	1	Pkg. of 2 for .33	1½	1 15/16x63/64″ dia. (C)	10	935	1C	VS035A	14F
18 C 5870	Z	Pkg. of 2 for .20	1½	1 31/32x35/64″ dia. (AA)	10	515	7R	VS034A	15E

SPECIAL LONG-LASTING ALKALINE BATTERIES

Stock No.	Mfr's Type	PRICE	Volts	Size	Wt., Oz.	Replaces Eveready	Replaces Mallory	Replaces RCA	Replaces NEDA
18 C 5872	AL-2	.60 ea.	1½	2 13/32x1 21/64″ dia.	10	E95	MN-1300	VS1336	13A
18 C 5873	AL-1	.43 ea.	1½	1 15/16x63/64″ dia.	10	E93	MN-1400	VS1335	14A
18 C 5874	AL-9	Pkg. of 2 for .66	1½	1 31/32x17/32″ dia.	10	E91	MN-1500	VS1334	15A

BATTERIES FOR TRANSISTOR CIRCUITS

2U6

NE

930

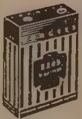
130

Stock No.	Mfr's Type	PRICE	Volts	Size	Wt., Lbs.	Replaces Eveready	Replaces Ray-O-Vac	Replaces RCA	Replaces NEDA
18 C 5769	2MN6	.65 ea.	9	1x39/64x1 7/8″	1/8	222	....	....	1604D
18 C 5661	2N6	1.30 ea.	9	2 3/4x1 3/8x1 3/8″	¼	246	1602	VS305	1602
18 C 5650	2U6	.48 ea.	9	1x39/64x1 7/8″	¼	216	1604	VS323	1604
18 C 5861	130	Pkg. of 2 for .39	1½	1 15/16x63/64″ dia.	½	1035	14	VS335	14
18 C 5862	230	Pkg. of 2 for .38	1½	2 25/64x1 21/64″ dia.	½	1050	13	VS336	13
18 C 5863	930	Pkg. of 4 for .64	1½	1 31/32x35/64″ dia.	½	1015	15	VS334	15
18 C 5666	A4	2.48 ea.	6	1 9/32x1 9/32x2 11/32″	¼	....	....	....	....
18 C 5670	C6X	1.64 ea.	9	2 5/16x1 1/32x6 1/16″	¾	2356N	....	VS330	1612
18 C 5098	D5	2.00 ea.	7½	2 9/16x2x2 23/32″	[illegible]	707	26	VS315	26
18 C 5652	D6	1.36 ea.	9	2 9/16x2x3 5/32″	1	276	1603	VS306	1603
18 C 5667	D6PI	4.20 ea.	3, 6, 9	2 19/32x1 7/16x7 27/32″	1½	2506	1601	VS301	1601
18 C 5103	D6S	4.80 ea.	9	2 1/4x1 1/4x7 29/32″	1 1/8	2761	1608	....	1608
18 C 5174	L6	.62 ea.	9	1 31/32x47/64″ dia.	1/8	206	....	VS327	1611
18 C 5102	M6	1.36 ea.	9	1 13/16x1 13/16x2 7/16″	½	266	1605	VS322	1605
18 C 5864	NE	Pkg. of 6 for .48	1½	1 11/64x7/16″ dia.	1½	904	716	VS073	910
18 C 5093	P6	.62 ea.	9	1 15/16x1″ dia.	¼	226	1600	VS300A	1600
18 C 5770	PM6	.80 ea.	9	1 15/16x1″ dia.	¼	....	....	....	1600D
18 C 5657	XX9	1.77 ea.	9, 13½	1 9/32x29/32x2 17/32″	¼	239	1900	VS304	1900
18 C 5364	Y6	.83 ea.	9	3/5x3/5x1 9/10″	1/8	....	1606	....	1606

PORTABLE RADIO BATTERIES

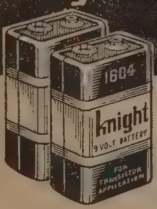
U30

2R


UX45

Stock No.	Mfr's Type	PRICE	Volts	Size	Wt., Lbs.	Replaces Eveready	Replaces Ray-O-Vac	Replaces RCA	Replaces NEDA
18 C 5782	2R	.17 ea.	1½	2 25/64x1 21/64″ dia.	½	1050	2LP	VS336	13
18 C 5644	21R	.42 ea.	1½	4 1/8x1 21/64″ dia.	½	964	20	VS236	20
18 C 5041	B5	2.27 ea.	7½	3 29/32x7/8x2 27/32″	½	713	8	VS129	8
18 C 5044	C5	1.23 ea.	7½	2 7/32x1 15/16x3 1/32″	¾	717	9	VS065	9
18 C 5592	F3	1.65 ea.	4½	4x1 7/16x4 1/8″	1¼	736	A3	VS067	3
18 C 5593	Z4	.87 ea.	6	1 3/16x1 3/16x2 7/32″	¼	724	A2	VS068	2
18 C 5570	A30	2.92 ea.	45	3 9/16x2 1/4x4 5/16″	1¾	W359	206	VS014	206
18 C 5571	B30	5.40 ea.	45	4 1/16x2 17/32x5 5/16″	2¼	484	207	VS012	207
18 C 5669	N60X	6.50 ea.	90	1 7/8x1 11/32x7 1/8″	1 1/8	495	....	VS316	216
18 C 5645	P45	2.70 ea.	67½	1 29/32x1x5 9/32″	¾	477	211P	VS218	211
18 C 5651	P60	2.97 ea.	90	1 29/32x1x7 13/32″	1	479	214	VS219	214
18 C 5649	U30	1.75 ea.	45	1 3/32x1 9/32x3 17/32″	¼	415	213	VS086	213
18 C 5668	UX45	2.07 ea.	67½	1 7/32x1 31/32x3 31/32″	½	416	217	VS318	217
18 C 5586	XX50	5.50 ea.	75	1 27/32x1 5/16x6 5/16″	1	437	212	VS217	212
18 C 5581	XX69	4.86 ea.	103½	1 11/32x1 11/32x11 23/32″	1	W361	227	....	227
18 C 5572	Z30	4.95 ea.	45	3x2 5/16x4 1/16″	1½	738	205	VS015	205

knight 9-V TRANSISTOR RADIO BATTERY



2 for 59¢

Replaces Many
Transistor Radio
Batteries

Made by a famous American manufacturer, yet sell at imported-battery prices. Manufactured under rigid standards and quality control procedures to assure long life. Replaces these transistor radio batteries: Burgess 2U6, RCA VS323, Eveready 216, Marathon 1604, Western Auto 3B469, Montgomery Ward 123, Sears 6417, and many others. 1 7/8x39/64x1″. Shpg. wt., 6 oz.

18 C 5980.......... Pkg. of 2 for .59

INDUSTRIAL AND TRANSISTOR BATTERIES

U200

XX15

U15

U20

5308

Stock No.	Mfr's Type	PRICE	Volts	Size	Shpg. Wt., Oz.	Replaces Eveready	Replaces Ray-O-Vac	Replaces RCA	Replaces NEDA
18 C 5054	XX15	1.56 ea.	22½	1 11/32x1 5/16x3 7/8″	4	425P	PN15	....	....
18 C 5060	XX30PI	2.84 ea.	45	2 17/32x3 1/32x4 1/32″	12	455P	PN30F	....	....
18 C 5104	K-10	1.28 ea.	15	1 1/4x7/8x1 17/32″	2	417	....	....	224
18 C 5105	K-15	1.44 ea.	22½	1 1/4x7/8x2 9/32″	2	420	....	....	225
18 C 5064	U15	1.05 ea.	22½	1x39/64x1 31/32″	2	412	215	VSO84	215
18 C 5068	Y20	1.30 ea.	30	1 3/16x19/32x1 13/32″	3	506	....	....	223
18 C 5077	Y20S	1.30 ea.	30	1 19/32x19/32x2 9/16″	3	507	....	....	222
18 C 5066	U20	1.23 ea.	30	1x39/64x2 17/32″	2	413	A210	VSO85	210
18 C 5594	U200	8.37 ea.	300	2 3/4x2 9/32x3 7/8″	16	493	722	VSO93	722
18 C 5660	U320	13.00ea.	510	2 15/16x1 17/32x5 7/16″	24	497	....	....	....
18 C 5559	5308	3.05 ea.	45	4 1/16x2 9/16x5 1/8″	48	762S	709	VS112	709

See Page 306 for More Burgess Battery Listing

Eveready Reliable Long-Life Batteries

ALKALINE ENERGIZER BATTERIES

Ideal for devices that are in continuous operation for long periods. Deliver higher amperage with constant output for as much as ten times longer than standard batteries. Provide lowest operating costs in high drain applications. Operate over wide range of temperatures. Use in portable TV sets, flashguns, electric toys, games, etc. *Indicates rechargeable. Sizes: E90—"N"; E91—"AA"; E92—"AAA"; E93—"C"; E95—"D". Av. shpg. wt., 10 oz.

Stock No.	Mfr's Type	V	Size	PRICE	Replaces	
					Mallory	Burgess
18 C 5440	E90	1 1/2	15/32 dia. x 1 1/8″	Pkg. of 2/.54	Mn1900	AL-N
18 C 5426	E91BP	1 1/2	9/16 dia. x 1 31/32″	Pkg. of 4/1.31	Mn1500	AL-9
18 C 5348	E92	1 1/2	13/32 dia. x 1 47/64″	.33 ea.	Mn2400	AL-7
18 C 5347	E93BP	1 1/2	1 1/32 dia. x 1 15/16″	Pkg. of 2/.86	Mn1400	AL-1
18 C 5993	E94	1 1/2	1 1/32x1 7/32″	.39 ea.	....	....
18 C 5346	E95BP	1 1/2	1 11/32 dia. x 2 13/32″	Pkg. of 2/1.18	Mn1300	AL-2
18 C 5856	E177	9	35/64 dia. x 1 25/32″	1.29 ea.	TR-177	H-177
18 C 5996	523	4 1/2	21/32 dia. x 1 31/32″	.82 ea.	PX-21	AL-133
18 C 5997	531	4 1/2	5/8 dia. x 2 19/64″	.82 ea.	PX-19	
18 C 5857	*560	7 1/2	2 21/32x1 17/32x7 5/32″	4.62 ea.	....	....
18 C 5858	*561	15	8 5/16x2 13/16x5 7/8″	10.62 ea.	....	....
18 C 5859	*563	4 1/2	1 23/64 dia. x 7 5/32″	2.76 ea.	....	....
18 C 5043	*564	4	8 5/16x2 13/16x5 7/8″	9.94 ea.	....	....
18 C 5848	596	1 1/2	8 15/16x2 13/16x5 7/8″	1.20 ea.	....	....

PHOTOFLASH BATTERIES

Provide high peak current for proper synchronization of solenoid shutter and bulb. Type 467 is for slave units. Types 460K, 482, 489, 490, 491, 492, 493, 497, and 726 are for electronic repeating flash. Types 411, 413, 504, and 505 are for B-C units. Types 815, 835, and 850 are cylindrical cells for high initial current discharge. Sizes: Type 815—"AA"; Type 835—"C"; Type 850—"D." Av. shpg. wt., 10 oz.

Stock No.	Mfr's Type	Volts	Size	Shpg. Wt.	PRICE	Replaces Burgess
18 C 5608	411	15	1 1/32x5/8x1 29/64″	2 oz.	.81 ea.	U10
18 C 5610	413	30	1 1/32x5/8x2 9/16″	2 oz.	1.23 ea.	U20
18 C 5604	457	67 1/2	2 11/16x1 5/16x2 1/4″	3/4 lb.	2.70 ea.	K45
18 C 5272	460K	45	1 57/64x1 3/8x2 11/32″		1.67 ea.	47P
18 C 5614	467	67 1/2	2 13/16x1 3/8x3 5/64″	3/4 lb.	2.70 ea.	XX45
18 C 5605	482	45	3 19/32x1 27/32x5 1/2″	2 lbs.	2.97 ea.	M30
18 C 5613	489	225	4 11/32x2 11/16x4 3/16″	2 1/2 lbs.	6.96 ea.	XX150
18 C 5607	490	90	3 23/32x1 3/8x3 45/64″	1 lb.	3.15 ea.	V60
18 C 5609	491	240	2 19/32x1 5/16x4 1/2″	3/4 lb.	5.56 ea.	U160
18 C 5606	492	225	3 9/16x2 29/32x4 29/32″	2 1/2 lbs.	7.65 ea.	N150
18 C 5611	493	300	2 11/16x2 7/32x3 29/32″	1 lb.	8.37 ea.	U200
18 C 5612	497	510	3x1 19/32x5 5/8″	1 1/2 lbs.	11.16 ea.	U320
18 C 5615	504	15	5/8x1 9/32x1 3/8″	1 oz.	.81 ea.	Y10
18 C 5616	505	22 1/2	5/8x1 9/32x1 63/64″	1 oz.	1.05 ea.	Y15
18 C 5603	726	4 1/2	4 3/32x1 7/16x2 15/16″	3/4 lb.	1.23 ea.	D3
18 C 5161	812BP	1 1/2	13/32x1 3/4″	......	2/.33	
18 C 5602	815BP	1 1/2	9/16 dia. x 1 31/32″	1/2 lb.	Pkg. of 2/.33	920
18 C 5600	835BP	1 1/2	1 1/32 dia. x 1 15/16″	1/2 lb.	Pkg. of 2/.39	120
18 C 5349	850	1 1/2	1 11/32dia.x2 13/32″	3/4 lb.	.19 ea.	220

1 1/4-V NICKEL-CADMIUM BATTERIES

For long-life and outstanding durability. Nickel-cadmium are true storage (secondary) batteries. Can be recharged many times to give long, economical life. Not adversely affected by long storage, either charged or discharged. All have pressure contacts except suffix "T" which indicates soldered lug terminals. All are sealed in steel. Sizes: Type N46—"AA"; Type N54—"C"; Type N57—"D." †10-hour discharge rate in ampere hours. B in Type No. indicates button cell; C, cylindrical. Wt., 3 oz.

Stock No.	Mfr's Type		Size	† AH	Replaces Burgess	EACH
	New	Old				
18 C 5617	B20	N22	29/64x7/32″	.2	CD1	1.05
18 C 5618	B50	N24	39/64x15/64″	.5	CD2	.70
18 C 5627	B100	N26	63/64x15/64″	1.0	CD8	.77
18 C 5628	B100T	N26T	63/64x1/4″	1.0	CD8L	.90
18 C 5619	B150	N28	63/64x9/32″	1.5	CD3	.80
18 C 5622	B150T	N28T	63/64x19/64″	1.5	CD3L	.93
18 C 5623	B225	N32	63/64x11/32″	2.25	CD4	.83
18 C 5624	B225T	N32T	63/64x3/8″	2.25	CD4L	.97
18 C 5031	BH225	N33	1x23/64″	2.25	....	.97
18 C 5625	B450	N36	1 45/64x19/64″	4.5	CD5	1.47
18 C 5626	B450T	N36T	1-7/10x21/64″	4.5	CD5L	1.60
18 C 5032	BH500	N38	1 23/64x25/64″	5.0	....	1.75
18 C 5636	CH500	N46	9/16x1 61/64″	5.0	CD6	1.93
18 C 5630	C450T	N45T	9/16x2 9/32″	4.5	CD6L	2.10
18 C 5633	C900	N52	35/64x3 11/16″	9.0	CD9	3.17
18 C 5637	CH750T	N53T	7/8x1 43/64″	7.5	CD12	2.21
18 C 5162	CH1.5	N54	1.031x1.969″	1.5	....	4.06
18 C 5631	C2	N56	1 19/64x2 27/64″	2.0	CD7	4.06
18 C 5632	C2T	N56T	1 19/64x2 25/32″	2.0	CD7L	4.19
18 C 5634	CH4	N57	1 19/64x2 27/64″	4.0	CD10	5.69
18 C 5635	CH4T	N57T	1 19/64x2 49/64″	4.0	CD10L	5.82
18 C 5163	N63	N63	2.81x2.81x1.32″	5.0	....	26.60

LONG-LIFE TRANSISTOR BATTERIES

216

222

1035

1050

Specially manufactured to provide distortion-free tonal quality and steady full-charge power. Fit most transistor radios, many flashlights, etc. *Indicates flat contacts (206 has recessed negative); †regular snap-type contacts; ‡miniature snap-type contacts. No. 222BP is a premium long-life battery, similar to 216, but higher quality. Av. shpg. wt., 4 oz.

Stock No.	Mfr's Type	Volts	Size	Replaces Burgess	PRICE
18 C 5150	206BP*	9	2x3/4″	L6	.63
18 C 5151	216BP‡	9	1 1/32x21/32x1 29/32″	2U6	.49
18 C 5152	222BP‡	9	1 1/32x21/32x1 29/32″	2MN6	.65
18 C 5153	226BP†	9	1x1 15/16″	P6	.69
18 C 5154	246‡	9	1 13/32x1 11/32x2 3/4″	2N6	1.30
18 C 5155	266†	9	1 13/16x1 13/16x2 7/16″	M6	1.36
18 C 5156	276†	9	2 9/16x2 1/32x3 5/32″	D6	1.36
18 C 5157	333BP*	4 1/2	21/32x1 31/32″	....	.69
18 C 515P	1015BP	1 1/2	9/16x1 31/32″	930	4/.64
18 C 5159	1035BP*	1 1/2	1 1/32x1 15/16″	130	2/.39
18 C 5160	1050BP*	1 1/2	1 11/32x2 13/32″	230	2/.39

TOP-QUALITY ZINC CARBON FLASHLIGHT BATTERIES

912

935

915

950

Long-life zinc carbon batteries, sealed to provide protection in handling and against corrosive leakage. Designed to give maximum service in all popular size flashlights. Type 935 (size "C") is for baby tubular flashlights. Types 950 and 1150 (size "D") are for standard flashlights. Type 1150 is a heavy-duty battery, for extra-long life. Type 915 (size "AA") fits standard penlights; Type 912 (size "AAA") fits slim penlights. Type 904 is for miniature and novelty lights. Shpg. wt., 10 oz. per pkg.

Stock No.	Mfr's Type	PRICE	Size (L x Dia.)	Replaces	
				Bur-gess	Ray-O-Vac
18 C 5082	904	Pkg. of 6 for .48	1 11/16x7/16″	N	716
18 C 5080	912	Pkg. of 2 for .26	1 3/4x13/32″	7	400
18 C 5083	915BP	Pkg. of 2 for .27	1 31/32x35/64″	Z	7R
18 C 5078	935	Pkg. of 2 for .33	1 15/16x63/64″	1	1LP
18 C 5079	950	Pkg. of 4 for .65	2 3/8x1 21/64″	2	2LP
18 C 5081	1150	Pkg. of 4 for .67	2 3/8x1 21/64″	210	3LP

LANTERN BATTERIES

509

731

Specially designed for use with railroad-type lanterns. Type 509 has positive coil-spring contacts. Others have binding posts. Type 732 features pressurized construction for underwater use. All are 6-volt batteries, except Type 732, which is 12-volt.

Stock No.	Mfr's Type	EACH	Size	Wt., Lbs.	Replaces	
					Bur-gess	Ray-O-Vac
18 C 5084	509	.92	2 5/8x2 5/8x4 3/8″	1 1/2	F4M	941
18 C 5085	510S	.92	2 5/8x2 5/8x4″	1 1/2	F4BP	941SC
18 C 5086	510F	.92	2 5/8x2 5/8x4 1/2″	1 1/4	F4SC	941C
18 C 5087	731	1.96	5 3/8x2 7/8x4 15/16″	3 1/4	TW1	918
18 C 5088	732	1.96	5 3/8x2 7/8x4 15/16″	3 1/4	TW1S	......

HEARING AID AND WATCH BATTERIES

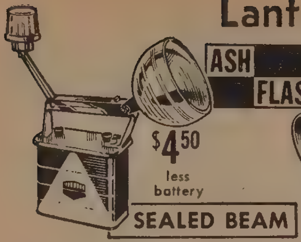
Button-type batteries for hearing aids, small electric watches and as accurate reference voltage sources. Provide higher voltage and greater milliwatt-hour* ratings. All are 1 1/2 volts. Av. shpg. wt., 3 oz.

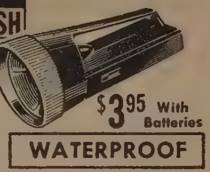
Stock No.	Mfr's Type	Ht.x Dia.	*mW Hour	PKG. OF 6
18 C 5344	S41	.455x.165″	105	1.80
18 C 5345	S76	.455x.200″	165	1.98

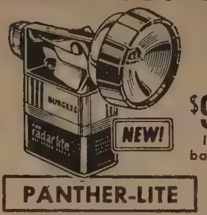
EVEREADY BATTERY MANUAL

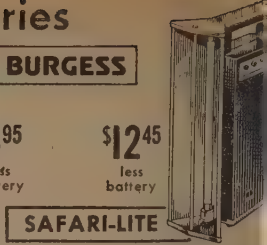
New revised edition answers every conceivable question concerning each Eveready battery in production. Numerous charts, graphs, and tables. Dimensions, drain data, weights. Over 500 pages. 5 1/2″x8 1/2″. Shpg. wt., 1 1/2 lbs.
23 C 7200 E..6.00

Lanterns, Lights and Batteries



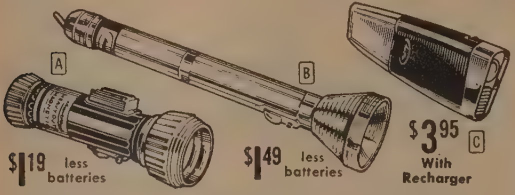






SEALED BEAM SEARCHLIGHT WITH BLINKER. Ideal choice for motorists, home owners, campers and sportsmen. Superbright G.E. sealed beam has as much power as an auto headlight. Chrome head, adjusts in full 180° arc. Automatic warning blinker on swinging foldaway arm. Comfortable contoured grip, rugged plastic lens housing. Uses G.E. #4546 sealed beam (included). Requires #731 battery, see page 305. Size, 7¼x6¾x4¾". Japan.
18 C 5145. Shpg. wt., 2 lbs. 4.50

FLOATING HIGH-INTENSITY LANTERN. Provides a full nine-volts of power for long-range penetrating beam. Has two waterproof switches, sealed beam reflector, built-in automatic blinker. Slender, space-age styling for long, easy use; compact storage. Unbreakable plastic case, white circular lens guard. Complete with 6 "D" batteries. 10½x4¾x4¾". Shpg. wt., 2¼ lbs. Japan.
18 C 5146 . . . . .3.95

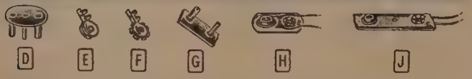


A HEAVY-DUTY MAGNET FLASHLIGHT. For workshop, garage, other rugged uses. Celanese fortiflex: acid resistant, dent-proof, non-slip grip. Unbreakable lens. Black case, oversize cushion lens guard. End cap and magnet housing in matching red. Use 2 "D" batteries (order from page 305). 8x2½" diameter. Wt., 8 oz. Japan.
18 C 5147 . . . . .1.19

B STREAMLINER FLASHLIGHT. Powerful five-cell flashlight with searchlight head. Spare bulb compartment in lens cap. Chrome on steel. Takes 5 "D" cells (order from page 305). 14⅞" long.
18 C 5168. Shpg. wt., 1 lb. Japan. 1.49

C RECHARGEABLE FLASHLIGHT. Quality rechargeable flashlight featuring slim design for pocket, purse or travel bag. Has two long-lasting nickel-cadmium power cells. Recharges easily, just plug into any 110-130 V, 60 Hz AC outlet. Special magnifying lens provides brilliant light. Attractive two-tone blue and ivory, rugged plastic case. Shipped fully charged. 5½x2⅝x1½". Shpg. wt., 8 oz.
18 C 5149. Japan. 3.95

CINCH-JONES BATTERY PLUGS



Quality plugs for "A", "B" and various other battery types. Manufactured to high standards for dependable long-term service. Av. shpg. wt. per package, 1 oz. **2 per package.**

Stock No.	Type	Fig.	For Burgess Battery	For Eveready	PKG/2
18 C 5178	5A1	. . .	2F, 4F, 6F, 8F, 2D, 8R	720, 960P	.16
18 C 5180	5A5	D	B5, C5, J5	717	.23
18 C 5176	5B1A	. . .	XX15, XX22, XX30P1	425P, 433P	.16
18 C 5310	5B2-1	. . .	A30, B30, M30, W30P1, Z30, 10308P1	W-359	.19
18 C 5181	5AB2	. . .	2TXX40	. . . .	.16
18 C 5177	5AB1-1	. . .	6TA60, 4TZ60	729, W369	.23
18 C 5301	5M	E	P6, D5, P6M, M6 XX45, XX30, XX50, K45, P45, P45M, P60, D6, 4D4, N60X, C6X	226, 707, 467, 266, 455, 477, 457, 437, 495	.11
18 C 5302	5F	F			.11
18 C 5175	5A4	G	2F4, F4P1, XX15, XX22, XX30P1	. . . .	.16
18 C 5184	5D	H	U30, 2U6, 2N6, UX45	415, 216, E146	1.39
18 C 5307	5D1	J	XX50, P45, P45M, P60, N60X, C6X	477, 479	1.01
18 C 5309	5MFA	J	XX45, XX30, K45	457	.83

Allied keeps in stock and ready for immediate shipment a wide variety of high-quality batteries. If you need a battery that is not listed, Allied will supply it for you. Simply write for information.

PANTHER-LITE SEALED BEAM LANTERN. 40,000 cp sealed beam, ligl weight Cycolac® construction. Red alert flasher with switch handle. Contoured grip. Requires TW1 battery, order below.
18 C 5169. Shpg. wt., 2¼ lbs. 9.9
18 C 5170. TW1 Lantern Battery. (Use 1.) Shpg. wt., 3¼ lbs. . .1.9

SAFARI-LITE FLUORESCENT PORTABLE LIGHT. Operates on batteries 117 VAC. Use two Z46 batteries, order below.
18 C 5148. Shpg. wt., 4¼ lbs. 12.4
18 C 5143. Z46 Batteries. (Use 2.) Wt., 6¼ lbs. . . .Pkg. of 2 for 5.8

BURGESS DRY BATTERIES

Long-life batteries for radio and hobby us Made to high standards and fully inspected to i sure quality. Type numbers ending with lett "PI" indicate plug-in type terminals; type nu bers ending with "SC" have spring clip termina "BP" have binding post terminals.

"A" BATTERIES

Stock No.	Mfr's Type	EACH	Volts	Size	Wt. Lb
18 C 5051	2D	1.21	1½	2⁹⁄₁₆x1⁹⁄₃₂x2³¹⁄₃₂"	3/
18 C 5001	2F	1.22	1½	2¹⁹⁄₃₂x1⅜x4¼"	3/
18 C 5010	2F2H	1.75	3	2⅝x2⅝x4¹⁄₁₆"	1 1/
18 C 5033	2F2BP	5.35	3	5³⁄₁₆x1⁵⁄₁₆x4⁵⁄₃₂"	1 1/
18 C 5002	2F4	2.87	6	4x2¹³⁄₁₆x5⁷⁄₁₆"	2 1/
18 C 5030	2FH	.79	1½	2⅝x1¹¹⁄₃₂x4⅛"	3/
18 C 5585	2Z2P1	1.90	3	1⁵⁄₃₂x1⁵⁄₃₂x2¹³⁄₃₂"	1/
18 C 5003	4F	1.15	1½	2⅝x2⅝x4³⁄₃₂"	1 1/
18 C 5115	4FH	.84	1½	2⅝x2⅝x4"	1 1/
18 C 5034	422	.79	3	1¹¹⁄₃₂x2³⁄₃₂x2⁵⁄₁₆"	1/
18 C 5026	432	2.90	4½	1³¹⁄₃₂x2¹⁄₃₂x2¼"	1/
18 C 5091	532	1.36	4½	2¹⁵⁄₃₂x1³⁄₁₆x2²³⁄₃₂"	1/
18 C 5595	6F	2.69	1½	4³⁄₃₂x2¾x4¹⁄₁₆"	2 1/
18 C 5004	8F	2.76	1½	3²⁹⁄₃₂x2²³⁄₃₂x5½"	3
18 C 5046	8R	1.85	1½	3¹⁵⁄₁₆x1³⁄₃₂" dia.	1/
18 C 5047	910	.13	1½	³⁵⁄₆₄x1³¹⁄₃₂" dia.	1/
18 C 5011	F2BP	1.33	3	2²¹⁄₃₂x1⅜x4¹⁄₃₂"	1
18 C 5009	F4BP	.92	6	2⅝x2⅝x4"	1 1/
18 C 5007	F4PI	1.15	6	2²¹⁄₃₂x2²¹⁄₃₂x4⅛"	1 1/
18 C 5008	G3	3.18	4½	4¹⁄₁₆x1⅞x4¹¹⁄₁₆"	1 1/

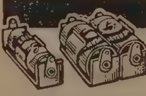
"B" BATTERIES

Stock No.	Mfr's Type	EACH	Volts	Size	Wt. Lb
18 C 5557	10308SC	7.30	45	8¹⁄₃₂x4¹⁄₃₂x7³⁄₁₆"	12
18 C 5555	21308SC	7.50	45	8⅛x4¹⁵⁄₃₂x7⁹⁄₃₂"	13
18 C 5558	2308SC	7.10	45	8³⁄₃₂x2³¹⁄₃₂x7¼"	7 1/
18 C 5560	4156	1.61	22½	3¹⁷⁄₃₂x2⅛x2²⁹⁄₃₂"	1
18 C 5561	5156PI	4.16	22½	4⁷⁄₆₄x2⅜x2⁵⁵⁄₆₄"	1 3/
18 C 5562	5156SC	4.16	22½	4⅛x2½x2¾"	1 3/
18 C 5559	5308	3.05	45	4¹⁄₁₆x2⁹⁄₁₆x5⅛"	2 1/
18 C 5572	Z30	4.95	45	3x2⁵⁄₁₆x4¹⁄₁₆"	1 1/
18 C 5567	W30BPX	6.05	45	3x1¼x3²⁵⁄₃₂"	3/
18 C 5569	Z30NX	2.69	45	3¹⁄₃₂x1⅞x4¹⁹⁄₃₂"	1 1/
18 C 5772	V45	2.77	67½	2¾x1¹¹⁄₃₂x3⁴³⁄₆₄"	1
18 C 5597	V60	3.15	90	3²³⁄₃₂x1⁵⁄₃₂x3¹¹⁄₁₆"	1
18 C 5598	Z60BP	17.50	90	3¾x2¹¹⁄₃₂x5¹⁵⁄₁₆"	2 3/

"C" BATTERIES

Stock No.	Mfr's Type	EACH	Volts	Size	Wt. Lb
18 C 5583	2370	2.10	4½	3¹⁵⁄₁₆x1⅜x2⅞"	3
18 C 5565	5360	1.23	4½	2¹³⁄₃₂x2⁷⁄₃₂x2²¹⁄₃₂"	1
18 C 5564	5540	1.80	7½	4x⅞x2¾"	[illegible]
18 C 5568	W5BP	5.80	7½	2³¹⁄₃₂x2³⁄₃₂x1¾"	[illegible]

KEYSTONE BATTERY HOLDERS

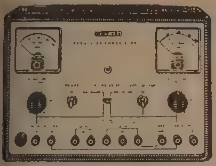


For transistor assemblies, radios, meters, et Snap-clips, moistureproof fiber washer mtg. holes and aluminum alloy, nickel-plat eyelets. *End to end. Wt., 3 oz.

Stock No.	Mfr's Type	Holds	Burgess	Mallory	Eveready	PKG OF
18 C 5900	104	1	. . . .	RM3R	E3	.76
18 C 5901	139	1	Z, 9R, Y15	RM12R, TR133R, RM502R, ZM-9	E9, E-12, E133, E502, 915, 1015E, 505	.46
18 C 5902	140	2				.76
18 C 5903	171	3				.98
18 C 5904	182	4				1.28
18 C 5906	173	1	1	TR233R	E233, 635	.6
18 C 5907	174	2				.76
18 C 5908	185	2	*	. . . .	935	.9
18 C 5909	137	1	7	. . . .	912	.46
18 C 5910	138	2				.76
18 C 5911	132	1	H-163	TR132R, TR115R	E132	.60
18 C 5912	175	1	2, Z4	RM42R	D99, A-100	.60
18 C 5913	176	2			724	.76
18 C 5914	186	2	*	. . . .	950	.9
18 C 5915	166	1	U10	. . . .	411	.60
18 C 5271	203P	1	2U6	1604	216	.88

Power Supplies, Inverters and Battery Chargers

EICO POWER SUPPLIES



1030-W TWO-OUTPUT SUPPLY

General-purpose power supply offers two independent, continuously variable regulated DC outputs, plus two unregulated filament voltages. 0-150 VDC at 2 mA and 0-400 VDC up to 150 mA. Regulated to ±0.33% or 0.3V, whichever is higher, to 100 mA. Ripple, less than 3 mV rms. Filaments, 6.3 and 12.6 V at 3 amps. Voltmeter, ammeter, standby switch for instant turn-on. 13x8½x7". 110-120 V, 50-60 Hz AC. 21 lbs.

21 C 4491 U. *$5 Monthly* 99.95

21 C 4492 U. 1030-K. Kit Form... 69.95

1020-W SOLID-STATE POWER SUPPLY

- 0-30 Volt Output
- Cascaded Filter

SOLID STATE

Versatile, completely transistorized portable DC power and bias supply. Provides continuously variable output voltage monitored by a dual-range voltmeter (0-6, 0-30 VDC). Output: 150 mA, 0-12 volts; 200 mA, 12-24 volts; 330 mA, 24-30 volts. Ripple, only 0.005%, full load. Comprises power transformer, full-wave silicon diode rectifier circuit, 2-transistor cascaded filter circuit. 5x4x5½". 105-125 V, 60 Hz AC.

21 C 4121. 4½ lbs. *$5 Monthly* 34.95

21 C 4122. 1020-K. Kit Form.....25.95

NEW!

SOLID STATE

1025-W SOLID-STATE POWER SUPPLY

Transistorized portable DC power and bias supply. Continuously variable output voltage monitored by a dual-range voltmeter (0-6, 0-30 VDC) and a 500 mA milliammeter. Output: 150 mA, 0-12 volts; 200 mA, 12-24 volts; 300 mA, 24-30 volts. Ripple, 0.005%, full load. Comprises power transformer, full-wave silicon rectifier circuit, 2-transistor cascaded filter circuit. 3¾x8x4¾". Fused. Operates from 117 volts, 60 Hz AC. Shpg. wt., 5 lbs.

21 C 4547. *$5 Monthly*............ 49.95

21 C 4548. 1025-K. Kit Form ... 34.95

MODEL 1060-W BATTERY-CHARGER/ELIMINATOR

Operates 6 or 12-volt equipment, including transistor types. Highly stable output. Voltages are adjusted by variable transformer. Has high-capacity electrolytic smoothing filter. Low range: 0-8 volts at 10 amps continuous, 20 amps intermittent; 1.5% ripple at 2 amps, 2% at 6 amps. High range: 0-16 volts at 6 amps continuous, 10 amps intermittent; 0.3% ripple at 2 amps, 1.5% at 10 amps. Steel case, 8¾x10½x7¾". 105-125 volts, 60 Hz AC. 19 lbs.

21 C 4125 X. *$5 Monthly*....59.95

21 C 4126 X. 1060-K.KitForm 45.95

- 6 or 12-Volt Output
- Variable Transformer
- Extra-Low Ripple Output

MODEL 1064-W BATTERY-CHARGER/ELIMINATOR

Low-ripple DC necessary to service transistorized equipment. Extra-heavy-duty selenium rectifiers. L-C filter circuit boasts iron-core choke and dual 5000 μF electrolytic capacitor. Provides two DC voltage ranges: 0-8 V at 10 amps cont., 20 amps intermit.; 0-16 V at 6 amps cont., 10 amps intermit. Ripple: 0-16 V, 1% at 6 amps; 0-8 V, 4-5% at 10 amps. Separate voltmeter and ammeter monitor voltage and current. Ammeter range automatically switches over to voltage range. 8½x5¾x7½". 105-125 V, 50-60 Hz AC. 15 lbs.

21 C 4119 X. *$5 Monthly*............69.95

MODEL 1064-K. As above, but in kit form.

21 C 4120 X. *$5 Monthly*........... 49.95

ELECTRO SOLID-STATE DC-TO-AC INVERTERS

A **MODEL TIC-620.** Heavy-duty inverter/charger. Provides 5 amps at 120 volts, 60 Hz AC from 12 VDC. Square-wave output frequency-stable to 0.5 Hz. Also provides 12 VDC at 25 amps for battery charging. Has 3-position charging-rate switch and pilot light, meter, on/off switch, inverting and low-battery warning lights, two 3-contact receptacles. Protected against reversed polarity; fused. 6⅝x12x8⅞". With charger line-cord.

21 C 4445 U. Wt., 33 lbs. *$18 Monthly* **400.00**

MODEL TI-620. Above, less battery charger.

21 C 4444 U. Wt., 28 lbs. *$16 Monthly* **320.00**

MODEL TI-100A. (Not illus.) 117 VAC at 125 W continuously from 12 VDC. AC receptacle; start, on/off switches; fuse; circuit breaker. Input cord, dash plug, instructions.

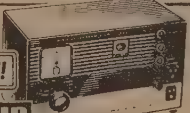
21 C 4496. Wt., 7 lbs. *$5 Monthly*.....**37.20**

B **MODEL TI-250A.** 117 VAC at 250 W continuously, 300 W intermittently from 12 VDC. AC receptacle; charge, overload indicator; electronic circuit breaker; start, on/off switches. 4½x10x7½". Mtg. brackets, 7' wire.

21 C 4447. Wt., 11 lbs. *$5 Monthly*... **74.00**

21 C 4446. RC-2 REMOTE CONTROL. 4¼x2¼x2¼". With 8-ft. cable. 1½ lbs **12.50**

A



NEW!

SOLID STATE

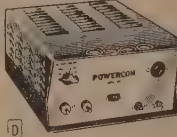
B

MODEL TI 250 TRANSISTORIZED INVERTER

C

C DC-TO-AC INVERTERS WITH SQUARE WAVE OUTPUT

Vibrator-type inverters start instantly. Output is 115 volts, 60 Hz with excellent stability even under varying loads. High capabilities for intermittent overloads; wattage figures for intermittent use are rated for power factors from 70 to 100%. Superior filtering for excellent performance with TV, shortwave, FM receivers. Conservatively rated. Fig. C except *without finger holes.



D

Stock No.	Mfr's Type	Typical Applications	Input VDC	Watts		Size	Wt., Lbs.	EACH
				Cont.	Int.			
21 C 4493	12SP2A	Shaver only, intermittent duty	12	——	20	3⅞x2⅞x2¾"	2	14.46
21 C 4413	12A4*	Test gear, dictaphones, phonos, shavers	12	40	50	6¼x4⅛x3⅜"	6	25.48
21 C 4415 X	12B8	Small recorders & TV sets, stereo amplifiers	12	80	100	8¾x7⅝x3⅞"	12	39.84
21 C 4416 X	12B10	Office machines, calculators, typewriters	12	100	125	8¼x7⅝x3⅞"	14	41.95
21 C 4417 X	12TV12	Up to 11" TV, radios, phonos, appliances	12	120	140	8¾x7⅝x3⅞"	16	42.95
21 C 4418 X	12D15	Small induction soldering guns, office machines	12	150	175	10⅜x9⅞x5½"	26	73.00
21 C 4419 X	12D22	Multi use: camp trailer, small tools, CB, TV	12	220	250	10⅜x9⅞x5½"	31	90.50
21 C 4420 X	28D15	Aircraft, marine, others using 28 VDC	28	150	175	10⅜x9⅞x5½"	26	87.50

21 C 4431. RK-112 Remote Control. For all of above except 12SP2A, 12A4. Wt., 1 lb..10.81

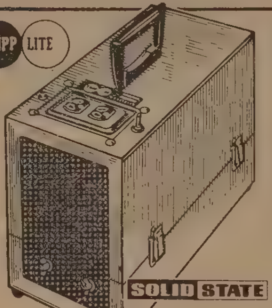
D DC-TO-AC INVERTERS WITH REGULATED SINE-WAVE OUTPUT

Similar to above, but have added reactor and capacitors to form true sine-wave output indistinguishable from commercial power. May be used portable or permanently mounted. Automatic load regulation; extremely low hum.

21 C 4421 U	12DSW10	Like utility power; any PF load above 25%	12	100	125	10x9⅞x5½"	22	88.06
21 C 4422 U	12ESW25	SSB, large PA systems, 100-watt amplifiers	12	250	300	12x9⅞x5½"	31	117.51

DC-to-AC Power Inverters for All Applications

TRIPP LITE



SOLID STATE

NEW!

MODEL PV-800-FC POWER INVERTER

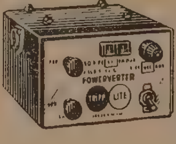
- 22 Transistors, Zener Diode
- Overload/Low-Battery Light

Highly stable power inverter converts 12 VDC to 117 V, 60 Hz AC with frequency accuracy of 1 Hz. Particularly suited for true reproduction of hi-fi sound. Solid-state design eliminates chattering reeds—no moving parts to wear out. Ideal for "on the spot" power for outside servicemen. Delivers 800 watts continuously, 900 watts intermittently, 1000 watts instantaneously. Silver-color corrosion-resistant case, 10x7x14". Polarity protection. Carrying handle. Note: Not intended for use with capacitor motors, heaters, refrigerators, 38 lbs.
21 C 4360 U. *$15 Monthly*...290.00

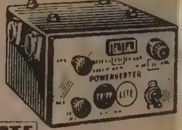
TRIPP LITE

REGULAR HOUSE CURRENT FROM 12-V BATTERY

SOLID-STATE INVERTER AND DC POWER SUPPLY



SOLID STATE

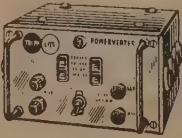


SOLID STATE

MODEL PV-150. Quality constructed 150-watt, 2-transistor, low-cost inverter brings regular AC house current to all vehicles. Converts 12 volts DC to 115 volts, 60 Hz AC. Delivers 150 watts continuously, 175 watts intermittently (5 minutes). Easily connected to any 12-VDC electrical system. Includes on-off switch plus replaceable fuse. Ruggedly constructed for shock resistance. Anodized heat sink. All metal parts painted for resistance to weather and corrosion. 3½x5x5". With fuse and mounting studs. Shpg. wt., 5½ lbs.
21 C 4432. *$5 Monthly*............39.95

MODEL PV-200B. Dependable 200-watt solid-state power inverter and DC power supply. Has same features as Model PV-150 left, but continuously delivers 200 watts; intermittently delivers 250 watts. In addition, has 4 power transistors and exclusive "power boost" circuit that permits higher bursts of power for heavy, short duration jobs such as starting motor-type appliances. Includes battery charger. Mounts under or on top of dashboard, or in any convenient place inside vehicle. Size, 3½x5x5". With fuse and mounting studs. Wt., 6 lbs.
21 C 4433. *$5 Monthly*...........49.95

HEAVY-DUTY 450-WATT DC-TO-AC POWER INVERTER



SOLID STATE

Model PV450B

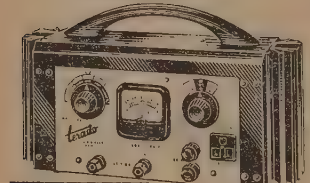
- 450-Watt Continuous-Duty Performance
- 550-Watt Instantaneous Power Surge
- Dependable Solid-State Static Design
- Utilizes 8 Power-Switching Transistors
- Includes Battery Charge Indicator

MODEL PV-450B. Fully transistorized to meet exacting heavy-duty requirements. Ideal for instant AC power where fast emergency service is needed. 450-watt continuous output, 500-watt intermittent (5 minutes); capable of 550-watt instantaneous power surge. Hash-free TV and AM-FM reception without interference. Built-in rack handles. With fuses. Size, 4x7x6". Shpg. wt., 13 lbs.
21 C 4355 U. *$5 Monthly* 99.50

MODEL PV-450FC. Above, but with frequency-control for constant 60-Hz AC for operating tape recorders and phonos, etc. Shpg. wt., 15¼ lbs.
21 C 4354 U. *$8 Monthly*............149.50

terado

POWER INVERTERS AND BATTERY CHARGERS



SOLID STATE

MARK I INVERTER/CHARGER

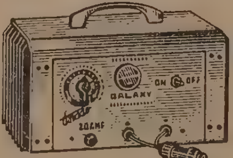
- Delivers 450-500 Watts of AC Power
- Charges Batteries at Up to 20 Amps
- Efficient Solid-State Circuit

MODEL 50-131. Now you can enjoy the luxury and convenience of using your electrical appliances anywhere. Provides full 450 to 500 watts of 117 volt AC power from any 12-volt storage battery. Lets you operate a wide variety of appliances—radios, TV, tools, shavers, lights, hi-fi sets—in car, trailer or boat.

The Mark I also charges 12-volt batteries from 117-volt AC source. Charges at 20 amp or 10-amp rate, or at a low trickle charge. Meter indicates charging rate.

Rugged solid-state circuit provides 450 watts continuously, or 500 watts intermittently. AC output receptacle on front panel. Fuse protected. Carrying handle for easy portable use. Compact, sturdy metal case, 6x12½x6". Shpg. wt., 21 lbs.
21 C 4265 U. *$6 Monthly*..........104.50

MODEL 50-132 MARK II. Same as above but rated 275 watts continuous, 300 watts intermittent. Shpg. wt., 21 lbs.
21 C 4266 U. *$5 Monthly*..........89.50



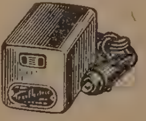
SOLID STATE

12 VDC to 117 VAC

SOLID-STATE POWER INVERTERS

Convert 12 volts DC to 117 volts, 60 Hz AC. *Automatic frequency control maintains output within ½ cycle of 60 Hz for operating tape recorders, phonos. A—10¾x6x6"; B—12½x6x6"; C—10¾x13x7¼".

Stock No.	Mfr's Type	Capacity Cont.	Capacity Intr.	Size	Wt. Lbs.	EACH
21 C 4499	50-205	140	175	A	10½	39.90
21 C 4500	50-170	125	150	A	10½	32.96
21 C 4501 U	50-129	275	300	B	20	74.25
21 C 4487 U	50-175	*150	175	A	21	76.67
21 C 4502 U	50-128	450	500	B	20	97.17
21 C 4383 U	50-201	*150	175	A	20	100.51
21 C 4384 U	50-200	*175	200	A	21	114.53
21 C 4382 U	50-191	*275	300	A	30	153.13
21 C 4381 Z	50-202	*550	600	C	60	323.16

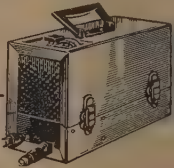


MODEL 50-116 "SENIOR" INVERTER

- For 12-V Batteries
- 40 Watts Constant
- 50 Watts Intermittent

Plugs into 12-volt cigarette lighter on dash. Aluminum case with coppertone baked enamel. AC plug-in receptacle on front. 2¼x2½x4½". Shpg. wt., 3 lbs.
21 C 4484.......................18.47

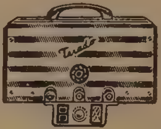
"TRAV-ELECTRIC" WITH BATTERY AND CHARGER



SELF CONTAINED 60-Hz AC POWER SOURCE

MODEL 50-160. A truly portable source of electricity, ready to go where and when you choose with built-in battery and charger. Inverter delivers 125 watts of AC for portable TV, hi-fi, lights, appliances. Battery can be recharged from any AC outlet, or from auto cigarette lighter while enroute. One charge runs portable TV 3 to 4 hours.

"Trav-Electric" comes complete with storage battery, inverter, charger, easy-to-read battery condition meter and heavy copper-clad steel carrying case. Size, 12x5½x8". Supplies 125 watts continuously, 175 watts intermittent. Shpg. wt., 30 lbs.
21 C 4503 U. *$5 Monthly*..........63.40



"SUPREME" DC-AC INVERTER

- Remote Control
- Variable Output
- Signal Light
- Frequency Filter

MODEL 50-153. For 12-volt DC only. 175 watts constant, 200 watts intermittent. Copper-clad ventilated steel case. With battery cables. Filtered for tape recorders. 10¾x6x6". Shpg. wt., 25 lbs.
21 C 4488 U. *$5 Monthly*...........84.07

Allied's Semiconductor and Integrated Circuit Directory

KEY TO NAMES OF MANUFACTURERS

Dept. No.	Mfr.	Name
49 C 1	RCA	Radio Corp. of America
49 C 3	GE	General Electric
49 C 12	SYL	Sylvania
49 C 24	IR	International Rectifier
49 C 26	MOT	Motorola
49 C 30	SPR	Sprague
49 C 31	ST	Sarkes Tarzian
49 C 32	TI	Texas Instruments
49 C 33	TRW	Pacific Semiconductors (Thompson Ramo Woolridge)

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Semiconductors listed on these pages are the most popular types stocked by Allied—for a complete listing of all units stocked by Allied, ask for Directory No. 23 C 7901. It will be sent at no charge.

HOW TO ORDER SEMICONDUCTORS

When ordering, specify Department Number, followed by Manufacturer's Type Number and Name.

For example: 49 C 12 1N21B-SYL
designates Sylvania Type 1N21B

HOW TO ORDER INTEGRATED CIRCUITS

When ordering, specify Department Number, followed by Manufacturer's Type Number and Name.

For example: 50 C 1 CA3000-RCA
designates Radio Corp. of America Type CA3000

Type	Mfr.	EACH
1N21B	SYL	.68
1N21C	SYL	1.02
1N21D	SYL	2.10
1N21F	SYL	7.15
1N21WE	SYL	4.35
1N23B	SYL	.67
1N23C	SYL	1.02
1N23D	SYL	2.10
1N23F	SYL	7.15
1N23WE	SYL	4.35
1N25	SYL	3.53
1N26	SYL	6.50
1N34A	GE	.22
1N34A	SYL	.30
1N35	SYL	1.58
1N38A	SYL	.49
1N38B	SYL	.49
1N48	SYL	.30
1N54A	SYL	.42
1N55A	SYL	.40
1N58A	SYL	.55
1N60	SYL	.30
1N63	SYL	.36
1N64	SYL	.30
1N67A	SYL	.28
1N68A	SYL	.28
1N69A	SYL	.30
1N78A	SYL	5.00
1N81A	SYL	.48
1N82A	SYL	.82
1N90	SYL	.33
1N91	GE	.90
1N92	GE	1.95
1N93	GE	2.70
1N98	SYL	.31
1N99	SYL	.50
1N100	SYL	.32
1N116	SYL	.49
1N118A	SYL	.23
1N126	SYL	.30
1N128	SYL	.32
1N158	GE	6.10
1N191	SYL	.35
1N192	SYL	.34
1N198	SYL	.35
1N198B	SYL	1.03
1N248B	MOT	1.50
1N248C	MOT	1.80
1N249	GE	1.73
1N249B	MOT	1.65
1N249C	MOT	1.95
1N249RC	RCA	2.06
1N250B	MOT	2.40
1N250C	MOT	2.70
1N251	SYL	.65
1N252	SYL	.65
1N270	SYL	.32
1N276	SYL	.31
1N277	SYL	.34
1N279	SYL	.29
1N281	SYL	.31
1N283	SYL	.51
1N294	SYL	.34
1N295	SYL	.35
1N429	MOT	5.45
1N440B	GE	.66
1N441B	GE	.69
1N442B	GE	.79
1N443B	GE	.98
1N444B	GE	1.05

Type	Mfr.	EACH
1N445B	GE	1.43
1N456	SYL	.42
1N456A	SYL	.42
1N457	SYL	.45
1N457A	SYL	.45
1N458	SYL	.48
1N458A	SYL	.48
1N459	SYL	.51
1N459A	SYL	.51
1N461	SYL	.42
1N461A	SYL	.42
1N462	SYL	.44
1N462A	SYL	.44
1N463	SYL	.54
1N463A	SYL	.54
1N464	SYL	.53
1N464A	SYL	.53
1N482	SYL	.66
1N482A	SYL	.69
1N482B	SYL	.69
1N483	SYL	.70
1N483A	SYL	.70
1N483B	SYL	.70
1N484A	SYL	.70
1N484B	SYL	.70
1N485	SYL	.90
1N485A	SYL	.90
1N485B	SYL	.90
1N486A	SYL	.90
1N486B	SYL	.90
1N487	SYL	1.05
1N487A	SYL	1.41
1N488	SYL	1.17
1N488A	SYL	1.78
1N497	SYL	.39
1N498	SYL	.44
1N500	SYL	.53
1N536	GE	.45
1N537	GE	.50
1N538	GE	.53
1N539	GE	.60
1N540	GE	.68
1N560	GE	1.50
1N597	IR	6.00
1N599	GE	.47
1N625	SYL	.43
1N626	SYL	.45
1N627	SYL	.60
1N628	SYL	.72
1N629	SYL	.81
1N643	TI	.98
1N643A	SYL	1.50
1N645	TI	1.40
1N645A	GE	1.65
1N646	GE	1.65
1N647	GE	1.80
1N648	GE	1.95
1N649	GE	2.50
1N658	SYL	1.76
1N659	SYL	.58
1N660	TI	.65
1N661	TI	.98
1N662	SYL	.92
1N663	SYL	1.20
1N676	GE	.93
1N677	GE	1.05
1N678	GE	1.23
1N682	GE	1.65
1N689	GE	2.50
1N695	SYL	.30

Type	Mfr.	EACH
1N702	IR	1.83
1N702A	IR	2.55
1N703	IR	1.83
1N703A	IR	2.55
1N704	IR	1.83
1N704A	IR	2.55
1N705	IR	1.83
1N705A	IR	2.55
1N706	IR	1.83
1N706A	IR	2.55
1N707	IR	1.83
1N707A	IR	2.55
1N708	IR	1.83
1N708A	IR	2.55
1N709	IR	1.83
1N709A	IR	2.55
1N710	IR	1.83
1N710A	TI	1.05
1N711	IR	1.83
1N711A	IR	2.55
1N712	IR	1.83
1N712A	TI	1.05
1N713	IR	1.83
1N713A	IR	2.55
1N714	TI	1.05
1N714A	IR	2.55
1N715	IR	1.83
1N715A	IR	2.55
1N716	TI	1.05
1N718	IR	1.83
1N718A	IR	2.55
1N721	IR	1.83
1N721A	IR	2.55
1N722	IR	1.83
1N722A	IR	2.55
1N723	IR	1.83
1N723A	IR	2.55
1N726A	ST	2.25
1N746	TI	1.05
1N746A	TI	1.05
1N747	TI	1.05
1N747A	TI	1.05
1N748	TI	1.05
1N748A	IR	1.68
1N749	TI	1.05
1N749A	TI	1.05
1N750	TI	1.05
1N750A	TI	1.05
1N751	TI	1.05
1N751A	TI	1.05
1N752	TI	1.05
1N752A	TI	1.05
1N753	TI	1.05
1N753A	TI	1.05
1N754	TI	1.05
1N754A	TI	1.05
1N755	TI	1.05
1N755A	TI	1.05
1N756	TI	1.05
1N756A	TI	1.05
1N757	TI	1.05
1N757A	TI	1.05
1N758	TI	1.05
1N758A	TI	1.05
1N759	TI	1.05
1N759A	TI	1.05
1N761	TI	1.05
1N762	TI	1.05
1N763	TI	1.05
1N764	TI	1.05

Type	Mfr.	EACH
1N765	TI	1.05
1N770	SYL	.48
1N816	SYL	.52
1N821	MOT	2.75
1N821A	MOT	3.05
1N823	MOT	3.60
1N823A	MOT	3.90
1N825	MOT	5.80
1N830A	SYL	3.85
1N831	SYL	6.85
1N914	GE	.35
1N914A	GE	.40
1N916	GE	.52
1N916A	GE	.58
1N916B	GE	1.07
1N935	MOT	2.30
1N935A	MOT	2.60
1N936	MOT	2.75
1N936A	MOT	3.55
1N936B	MOT	4.20
1N937	MOT	5.35
1N937A	MOT	6.15
1N938	MOT	6.95
1N938A	MOT	7.55
1N941	MOT	3.20
1N941B	MOT	3.60
1N942A	MOT	4.35
1N943	MOT	6.90
1N957	IR	1.40
1N957A	IR	1.50
1N957B	IR	1.75
1N957B	MOT	2.95
1N958	IR	1.40
1N958A	IR	1.50
1N958B	MOT	2.95
1N959	IR	1.40
1N959A	IR	1.50
1N959B	IR	1.75
1N959B	MOT	2.95
1N960	IR	1.40
1N960A	IR	1.50
1N960B	MOT	2.95
1N961	IR	1.40
1N961A	IR	1.50
1N961B	IR	1.75
1N961B	MOT	2.95
1N962	IR	1.40
1N962A	IR	1.50
1N962B	IR	1.75
1N963	IR	1.40
1N963A	IR	1.50
1N963B	IR	1.75
1N964	IR	1.40
1N964A	IR	1.50
1N964B	MOT	2.95
1N965	IR	1.40
1N965A	IR	1.50
1N965B	MOT	2.95
1N966	IR	1.40
1N966A	IR	1.50
1N966B	MOT	2.95
1N967	IR	1.40
1N967A	IR	1.50
1N967B	MOT	2.95
1N968	IR	1.40
1N968A	IR	1.50
1N968B	MOT	2.95
1N969	IR	1.40
1N969A	IR	1.50
1N969B	MOT	2.95

Type	Mfr.	EACH
1N970	IR	1.40
1N970A	IR	1.50
1N970B	MOT	2.95
1N971	IR	1.40
1N971A	IR	1.50
1N971B	MOT	2.95
1N972	IR	1.40
1N972A	IR	1.50
1N972B	IR	1.75
1N973	IR	1.40
1N973A	IR	1.50
1N973B	MOT	2.95
1N974B	MOT	2.95
1N975B	MOT	2.95
1N976B	MOT	2.95
1N977B	MOT	2.95
1N978B	MOT	2.95
1N979B	MOT	2.95
1N980B	MOT	2.95
1N981B	MOT	2.95
1N982B	MOT	2.95
1N983B	MOT	2.95
1N984B	MOT	2.95
1N985B	MOT	3.65
1N986B	MOT	3.65
1N989B	MOT	3.65
1N990B	MOT	3.65
1N991B	MOT	3.65
1N992B	MOT	3.65
1N995	SYL	.60
1N1081	ST	.60
1N1082	ST	.65
1N1083	ST	.70
1N1084	ST	.75
1N1085A	ST	3.34
1N1086A	ST	4.00
1N1088A	ST	5.35
1N1095	GE	.77
1N1096	GE	.96
1N1108	ST	3.15
1N1109	ST	4.00
1N1110	ST	4.75
1N1111	ST	5.65
1N1112	ST	6.50
1N1115	GE	1.05
1N1116	GE	1.12
1N1117	GE	1.43
1N1118	GE	1.73
1N1119	GE	1.80
1N1120	GE	2.40
1N1126A	GE	3.45
1N1127	GE	4.43
1N1128A	GE	5.20
1N1183	MOT	1.80
1N1183A	RCA	2.15
1N1183RA	RCA	2.15
1N1184	MOT	2.10
1N1184A	RCA	2.48
1N1184RA	RCA	2.48
1N1185	MOT	2.60
1N1186	GE	3.45
1N1186A	RCA	3.55
1N1186RA	RCA	3.55
1N1187	MOT	4.65
1N1187A	RCA	4.95
1N1188	GE	5.85
1N1188A	RCA	6.19
1N1188RA	RCA	6.19

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Type	Mfr.	EACH
1N1191	MOT	1.35
1N1192	MOT	1.50
1N1193	MOT	1.80
1N1194	MOT	2.60
1N1195	MOT	3.80
1N1195A	GE	4.02
1N1196	MOT	4.35
1N1196A	RCA	4.95
1N1197	MOT	5.55
1N1197A	RCA	5.94
1N1198	MOT	6.75
1N1198A	MOT	7.05
1N1198RA	RCA	7.01
1N1199	IR	1.25
1N1199A	GE	1.24
1N1199RA	RCA	1.24
1N1200	IR	1.40
1N1200A	RCA	1.41
1N1200RA	RCA	1.41
1N1201	IR	1.80
1N1201A	GE	1.81
1N1202	ST	1.25
1N1202A	GE	2.62
1N1202RA	RCA	2.48
1N1203	IR	3.50
1N1203A	GE	3.60
1N1203RA	RCA	3.47
1N1204	IR	4.50
1N1204A	GE	4.57
1N1204RA	RCA	4.46
1N1205	IR	5.25
1N1205A	GE	5.32
1N1206	IR	6.10
1N1206A	GE	6.37
1N1206RA	RCA	6.19
1N1218	GE	.42
1N1313A	MOT	5.45
1N1314A	MOT	5.45
1N1315A	MOT	5.45
1N1316A	MOT	5.45
1N1317A	MOT	5.45
1N1320A	MOT	5.45
1N1321A	MOT	5.45
1N1323A	MOT	5.45
1N1324A	MOT	5.45
1N1326A	MOT	5.45
1N1341	IR	1.15
1N1341A	GE	1.12
1N1342	IR	1.25
1N1342A	GE	1.27
1N1343	ST	1.20
1N1343A	GE	1.63
1N1344	IR	2.20
1N1344A	GE	2.22
1N1345	IR	3.15
1N1345A	GE	3.16
1N1346	ST	1.50
1N1346A	GE	3.96
1N1347	IR	4.70
1N1347A	GE	4.65
1N1348A	GE	5.48
1N1487	GE	.49
1N1488	GE	.52
1N1489	GE	.60
1N1490	GE	.67
1N1491	GE	.76
1N1492	GE	.96
1N1507	IR	2.75
1N1507A	IR	3.45
1N1508	IR	2.75
1N1508A	IR	3.45
1N1509	IR	2.75
1N1509A	IR	3.45
1N1510	IR	2.75
1N1510A	IR	3.45
1N1511	IR	2.75
1N1511A	IR	3.45
1N1512	IR	2.75
1N1512A	IR	3.45
1N1513	IR	2.75
1N1513A	IR	3.45
1N1514	IR	2.75
1N1515	IR	2.75
1N1515A	IR	3.45
1N1516	IR	2.75
1N1516A	IR	3.45
1N1517	IR	2.75
1N1517A	IR	3.45
1N1518	IR	2.70
1N1518A	IR	3.50
1N1519	IR	2.70
1N1519A	IR	3.50
1N1520	IR	2.70
1N1520A	IR	3.50
1N1521	IR	2.70
1N1521A	IR	3.50
1N1522	IR	2.70
1N1522A	IR	3.50
1N1523	IR	2.70
1N1523A	IR	3.50
1N1524	IR	2.70
1N1524A	IR	3.50

Type	Mfr.	EACH
1N1525	IR	2.70
1N1525A	IR	3.50
1N1526	IR	2.70
1N1526A	IR	3.50
1N1527	IR	2.70
1N1527A	IR	3.50
1N1528	IR	2.70
1N1528A	IR	3.50
1N1563	MOT	1.57
1N1563A	MOT	1.80
1N1564	MOT	1.72
1N1564A	MOT	2.02
1N1565	MOT	1.87
1N1566	MOT	2.02
1N1566A	MOT	2.70
1N1588	IR	3.80
1N1589	IR	3.80
1N1590A	IR	4.55
1N1591	IR	3.80
1N1591A	IR	4.55
1N1592	IR	3.80
1N1592A	IR	4.55
1N1593	IR	3.80
1N1593A	IR	4.55
1N1594	IR	3.80
1N1594A	IR	4.55
1N1595	IR	3.80
1N1595A	IR	4.55
1N1596	IR	3.80
1N1597	IR	3.80
1N1598	IR	3.80
1N1599	IR	5.95
1N1599A	IR	8.00
1N1600	IR	5.95
1N1600A	IR	8.00
1N1601	IR	5.95
1N1601A	IR	8.00
1N1602	IR	5.95
1N1602A	IR	8.00
1N1603	IR	5.95
1N1603A	IR	8.00
1N1604	IR	5.95
1N1604A	IR	8.00
1N1605	IR	5.95
1N1605A	IR	8.00
1N1606	IR	5.95
1N1606A	IR	8.00
1N1607	IR	5.95
1N1607A	IR	8.00
1N1608	IR	5.95
1N1608A	IR	8.00
1N1609	IR	5.95
1N1609A	IR	8.00
1N1612R	RCA	1.08
1N1613	RCA	1.24
1N1613R	RCA	1.24
1N1614R	RCA	1.90
1N1615	RCA	3.71
1N1615R	RCA	3.71
1N1616	RCA	5.36
1N1616R	RCA	5.36
1N1621	ST	2.24
1N1622	ST	2.80
1N1624	ST	4.24
1N1694	GE	.56
1N1730	MOT	4.85
1N1731	MOT	6.00
1N1732	MOT	6.75
1N1736	IR	6.52
1N1763A	RCA	.42
1N1764A	RCA	.52
1N1765	GE	2.40
1N1766	GE	2.40
1N1767	GE	2.40
1N1768	GE	2.40
1N1769	GE	3.00
1N1770	GE	3.00
1N1771	GE	3.00
1N1772	GE	3.00
1N1773	GE	3.00
1N1774	GE	3.00
1N1775	GE	3.00
1N1776	GE	3.00
1N1805	IR	5.45
1N1805A	IR	6.55
1N1806	IR	5.45
1N1806A	IR	6.55
1N1807	IR	5.45
1N1807A	IR	6.55
1N1808	IR	5.45
1N1808A	IR	6.55
1N2069	SYL	.65
1N2069A	SYL	.50
1N2070	SYL	.57
1N2070A	SYL	.67
1N2071	SYL	.72
1N2071A	SYL	.75
1N2129A	IR	2.50
1N2154	GE	2.38
1N2156	GE	4.38
1N2157	GE	5.25
1N2157R	GE	5.25
1N2158	GE	5.92
1N2158R	GE	5.92
1N2159	GE	6.15

Type	Mfr.	EACH
1N2160	GE	6.30
1N2326	RCA	.55
1N2389	ST	5.25
1N2482	ST	.33
1N2483	ST	.35
1N2484	ST	.37
1N2488	ST	.45
1N2612	GE	1.52
1N2615	ST	.47
1N2620	MOT	4.10
1N2620A	MOT	4.35
1N2620B	MOT	4.90
1N2621	MOT	4.60
1N2621A	MOT	5.55
1N2622	MOT	7.60
1N2622A	MOT	8.15
1N2622B	MOT	9.35
1N2623	MOT	8.80
1N2630	IR	6.29
1N2767	MOT	9.05
1N2804	MOT	5.65
1N2808	MOT	5.65
1N2809	MOT	5.65
1N2810	MOT	5.65
1N2816	MOT	5.65
1N2818	MOT	5.65
1N2820	MOT	5.65
1N2822	MOT	5.65
1N2823	MOT	5.65
1N2826	MOT	5.65
1N2830	MOT	5.65
1N2838	MOT	5.65
1N2846	MOT	6.80
1N2858A	RCA	.33
1N2859A	RCA	.37
1N2860A	RCA	.40
1N2861A	RCA	.42
1N2862A	RCA	.48
1N2863A	RCA	.58
1N2864A	RCA	.70
1N2939	GE	7.50
1N2940	GE	5.65
1N2941	GE	4.70
1N2969	GE	5.25
1N2970	MOT	5.45
1N2970A	MOT	5.85
1N2970B	MOT	7.30
1N2971	MOT	5.45
1N2971A	MOT	5.85
1N2971B	MOT	7.30
1N2972	MOT	5.45
1N2972A	MOT	5.85
1N2972B	MOT	7.30
1N2973	MOT	5.45
1N2973A	MOT	5.85
1N2973B	MOT	7.30
1N2974	MOT	5.45
1N2974A	MOT	5.85
1N2974B	MOT	7.30
1N2975	MOT	5.45
1N2975A	MOT	5.85
1N2975B	MOT	7.30
1N2976	MOT	5.45
1N2976A	MOT	5.85
1N2976B	MOT	7.30
1N2977	MOT	5.45
1N2977A	MOT	5.85
1N2977B	MOT	7.30
1N2978	MOT	5.45
1N2978A	MOT	5.85
1N2978B	MOT	7.30
1N2979	MOT	5.45
1N2979B	MOT	7.30
1N2980B	MOT	7.30
1N2981	MOT	5.45
1N2981A	MOT	5.85
1N2981B	MOT	7.30
1N2982	MOT	5.45
1N2982A	MOT	5.85
1N2982B	MOT	7.30
1N2983	MOT	5.45
1N2983A	MOT	5.85
1N2983B	MOT	7.30
1N2984	MOT	5.45
1N2984A	MOT	5.85
1N2984B	MOT	7.30
1N2985	MOT	5.45
1N2985A	MOT	5.85
1N2985B	MOT	7.30
1N2986	MOT	5.45
1N2986A	MOT	5.85
1N2986B	MOT	7.30
1N2987	MOT	5.45
1N2987B	MOT	7.30
1N2988	MOT	5.45
1N2988A	MOT	5.85
1N2989	MOT	5.45
1N2989A	MOT	5.85
1N2989B	MOT	7.30
1N2990	MOT	5.45
1N2990A	MOT	5.85
1N2990B	MOT	7.30
1N2991	MOT	5.45
1N2991A	MOT	5.85
1N2991B	MOT	7.30

Type	Mfr.	EACH
1N2992	MOT	5.45
1N2992A	MOT	5.85
1N2992B	MOT	7.30
1N2993	MOT	5.45
1N2993A	MOT	5.85
1N2993B	MOT	7.30
1N2994	MOT	5.45
1N2994A	MOT	5.85
1N2994B	MOT	7.30
1N2995	MOT	5.45
1N2995A	MOT	5.85
1N2995B	MOT	7.30
1N2996	MOT	5.45
1N2996B	MOT	7.30
1N2997	MOT	5.45
1N2997A	MOT	5.85
1N2997B	MOT	7.30
1N2998	MOT	5.45
1N2998A	MOT	5.85
1N2998B	MOT	7.30
1N2999	MOT	5.45
1N2999A	MOT	5.85
1N2999B	MOT	7.30
1N3000	MOT	5.45
1N3000A	MOT	5.85
1N3000B	MOT	7.30
1N3001	MOT	5.45
1N3001A	MOT	5.85
1N3001B	MOT	7.30
1N3002	MOT	5.45
1N3002A	MOT	5.85
1N3002B	MOT	7.30
1N3003	MOT	5.45
1N3003A	MOT	5.85
1N3003B	MOT	7.30
1N3004	MOT	5.45
1N3004A	MOT	5.85
1N3004B	MOT	7.30
1N3005	MOT	5.45
1N3005A	MOT	5.85
1N3005B	MOT	7.30
1N3006	MOT	5.45
1N3006A	MOT	5.85
1N3006B	MOT	7.30
1N3007	MOT	5.45
1N3007A	MOT	5.85
1N3007B	MOT	7.30
1N3008	MOT	5.45
1N3008A	MOT	5.85
1N3008B	MOT	7.30
1N3009	MOT	5.45
1N3009A	MOT	5.85
1N3009B	MOT	7.30
1N3010	MOT	5.45
1N3010A	MOT	5.85
1N3010B	MOT	7.30
1N3011	MOT	5.45
1N3011A	MOT	5.85
1N3011B	MOT	7.30
1N3012	MOT	6.00
1N3013	MOT	6.00
1N3014	MOT	6.00
1N3015	MOT	6.00
1N3016	MOT	2.85
1N3016A	MOT	3.20
1N3016B	MOT	3.70
1N3017	MOT	2.85
1N3017A	MOT	3.20
1N3017B	MOT	3.70
1N3018	MOT	2.85
1N3018B	MOT	3.70
1N3019	MOT	2.85
1N3019A	MOT	3.20
1N3019B	MOT	3.70
1N3020	MOT	2.85
1N3020A	MOT	3.20
1N3020B	MOT	3.70
1N3021	MOT	2.85
1N3021A	MOT	3.20
1N3021B	MOT	3.70
1N3022	MOT	2.85
1N3022A	MOT	3.20
1N3022B	MOT	3.70
1N3023	MOT	2.85
1N3023A	MOT	3.20
1N3023B	MOT	3.70
1N3024	MOT	2.85
1N3024A	MOT	3.20
1N3024B	MOT	3.70
1N3025	MOT	2.85
1N3025A	MOT	3.20
1N3025B	MOT	3.70
1N3026	MOT	2.85
1N3026A	MOT	3.20
1N3026B	MOT	3.70
1N3027	MOT	2.85
1N3027A	MOT	3.20
1N3027B	MOT	3.70
1N3028	MOT	2.85
1N3028A	MOT	3.20
1N3028B	MOT	3.70
1N3029	MOT	2.85
1N3029A	MOT	3.20
1N3029B	MOT	3.70
1N3030	MOT	2.85

Type	Mfr.	EACH
1N3030A	MOT	3.20
1N3030B	MOT	3.70
1N3031	MOT	2.85
1N3031A	MOT	3.20
1N3032	MOT	2.85
1N3032A	MOT	3.20
1N3032B	MOT	3.70
1N3033A	MOT	3.20
1N3033B	MOT	3.70
1N3034	MOT	2.85
1N3034A	MOT	3.20
1N3034B	MOT	3.70
1N3035	MOT	2.85
1N3035A	MOT	3.20
1N3035B	MOT	3.70
1N3036	MOT	2.85
1N3036A	MOT	3.20
1N3036B	MOT	3.70
1N3037	MOT	2.85
1N3037A	MOT	3.20
1N3037B	MOT	3.70
1N3038	MOT	2.85
1N3038A	MOT	3.20
1N3038B	MOT	3.70
1N3039	MOT	2.85
1N3039A	MOT	3.20
1N3039B	MOT	3.70
1N3040	MOT	2.85
1N3040A	MOT	3.20
1N3040B	MOT	3.70
1N3041	MOT	2.85
1N3041A	MOT	3.20
1N3041B	MOT	3.70
1N3042	MOT	2.85
1N3042A	MOT	3.20
1N3042B	MOT	3.70
1N3043	MOT	2.85
1N3042A	MOT	3.20
1N3043B	MOT	3.70
1N3044	MOT	2.85
1N3044A	MOT	3.20
1N3044B	MOT	3.70
1N3045	MOT	2.95
1N3045A	MOT	3.25
1N3045B	MOT	4.65
1N3046	MOT	2.95
1N3046A	MOT	3.25
1N3046B	MOT	4.65
1N3047	MOT	2.95
1N3047A	MOT	3.25
1N3047B	MOT	4.65
1N3048	MOT	2.95
1N3048A	MOT	3.25
1N3048B	MOT	4.65
1N3049	MOT	2.95
1N3049A	MOT	3.25
1N3049B	MOT	4.65
1N3050	MOT	2.95
1N3050A	MOT	3.25
1N3050B	MOT	4.65
1N3051	MOT	2.95
1N3051A	MOT	3.25
1N3051B	MOT	4.65
1N3085	IR	8.00
1N3111	IR	7.00
1N3128	RCA	6.35
1N3129	RCA	7.59
1N3130	RCA	8.17
1N3143	SYL	5.60
1N3154	MOT	2.60
1N3154A	MOT	3.60
1N3155	MOT	3.55
1N3193	RCA	.35
1N3194	RCA	.38
1N3195	RCA	.53
1N3196	RCA	.74
1N3208	MOT	1.10
1N3209	MOT	1.25
1N3210	MOT	1.70
1N3211	MOT	2.30
1N3212	MOT	2.55
1N3213	MOT	3.45
1N3214	MOT	3.90
1N3253	RCA	.38
1N3254	RCA	.42
1N3255	RCA	.56
1N3256	RCA	.78
1N3282	MOT	2.45
1N3283	MOT	3.05
1N3284	MOT	7.95
1N3285	MOT	10.05
1N3305	MOT	5.65
1N3306	IR	5.50
1N3307	IR	5.50
1N3309	IR	5.50
1N3311	IR	5.50
1N3313	IR	5.50
1N3314	IR	5.50
1N3317	MOT	5.65
1N3321	IR	5.50
1N3323	IR	5.50
1N3324	IR	5.50
1N3326	MOT	5.65
1N3327	MOT	5.65
1N3331	MOT	5.65

pe	Mfr.	EACH
3332	MOT	5.65
3340	IR	5.50
3343	MOT	6.80
3344	MOT	6.80
3346	MOT	6.80
3348	MOT	6.80
3349	MOT	6.80
3350	MOT	6.80
3491	MOT	.67
3492	MOT	.76
3493	MOT	1.11
3494	MOT	1.27
3495	MOT	1.48
3563	RCA	.94
3569	GE	1.34
3570	GE	1.62
3571	GE	2.10
3572	GE	2.55
3573	GE	3.82
3574	GE	5.50
3580	MOT	4.90
3580A	MOT	5.20
3580B	MOT	6.00
3581	MOT	5.55
3581A	MOT	6.45
3581B	MOT	7.75
3582	MOT	8.95
3605	SYL	.72
3615	IR	1.38
3616	IR	1.54
3618	IR	3.03
3619	IR	4.10
3620	IR	4.90
3622	IR	6.70
3639	GE	.57
3640	GE	.72
3641	GE	1.05
3642	GE	1.46
3659	MOT	.90
3660	MOT	.99
3661	MOT	1.33
3662	MOT	1.48
3663	MOT	1.70
3670	IR	7.80
3670A	GE	7.88
3671A	GE	8.77
3672A	GE	9.45
3680B	MOT	4.90
3681B	MOT	4.90
3683B	MOT	4.90
3684B	MOT	4.90
3685B	MOT	4.90
3686B	MOT	4.90
3687B	MOT	4.90
3688B	MOT	4.90
3689B	MOT	4.90
3690B	MOT	4.90
3691B	MOT	4.90
3694B	MOT	4.90
3696B	MOT	4.90
3712	GE	3.30
3713	GE	5.00
3714	GE	2.90
3715	GE	4.60
3716	GE	2.06
3717	GE	3.90
3718	GE	2.52
3719	GE	3.90
3720	GE	3.34
3721	GE	3.90
3754	RCA	.32
3755	RCA	.33
3756	RCA	.35
3785	MOT	3.75
3785B	MOT	6.95
3786	MOT	3.75
3786B	MOT	6.95
3787B	MOT	6.95
3788B	MOT	6.95
3789	MOT	3.75
3789B	MOT	6.95
3790B	MOT	6.95
3791	MOT	3.75
3791B	MOT	6.95
3792B	MOT	6.95
3793	MOT	3.75
3793B	MOT	6.95
3794B	MOT	6.95
3795	MOT	3.75
3795B	MOT	6.95
3796	MOT	3.75
3796B	MOT	6.95
3797	MOT	3.75
3797B	MOT	6.95
3798	MOT	3.75
3798B	MOT	6.95
3799	MOT	3.75
3799B	MOT	6.95
3800	MOT	3.75
3800B	MOT	6.95
3801	MOT	3.75
3802	MOT	3.75
3802B	MOT	6.95
3803B	MOT	6.95
3804B	MOT	6.95

Type	Mfr.	EACH
1N3805B	MOT	6.95
1N3806	MOT	3.75
1N3806B	MOT	6.95
1N3807B	MOT	6.95
1N3808B	MOT	6.95
1N3809B	MOT	6.95
1N3810B	MOT	6.95
1N3811B	MOT	6.95
1N3812B	MOT	6.95
1N3813B	MOT	6.95
1N3814B	MOT	8.35
1N3815B	MOT	8.35
1N3816B	MOT	8.35
1N3817B	MOT	8.80
1N3818B	MOT	8.80
1N3819B	MOT	8.80
1N3820B	MOT	8.80
1N3821	IR	2.00
1N3821A	MOT	2.65
1N3822	IR	2.00
1N3822A	MOT	2.65
1N3823	IR	2.00
1N3823A	MOT	2.65
1N3824	IR	2.00
1N3824A	MOT	2.65
1N3825	IR	2.00
1N3825A	MOT	2.65
1N3826	IR	2.00
1N3826A	MOT	2.65
1N3827	IR	2.00
1N3827A	MOT	2.65
1N3828	IR	2.00
1N3828A	MOT	2.65
1N3829	IR	2.00
1N3829A	MOT	2.65
1N3830A	MOT	2.65
1N3847	RCA	4.95
1N3848	RCA	4.95
1N3850	RCA	4.95
1N3851	RCA	4.95
1N3853	RCA	5.94
1N3854	RCA	7.59
1N3855	RCA	8.17
1N3856	RCA	8.17
1N3857	RCA	8.60
1N3859	RCA	8.17
1N3861	RCA	6.19
1N3862	RCA	7.67
1N3863	RCA	9.41
1N3987	IR	8.25
1N3996	MOT	5.65
1N3996A	MOT	7.70
1N3997	MOT	5.65
1N3997A	MOT	7.70
1N3998	MOT	5.65
1N3998A	MOT	7.70
1N3999	MOT	5.65
1N3999A	MOT	7.70
1N4000A	MOT	7.70
1N4001	MOT	.45
1N4002	MOT	.49
1N4003	MOT	.60
1N4004	MOT	.67
1N4005	MOT	.81
1N4006	MOT	1.12
1N4007	TI	1.80
1N4090	GE	3.35
1N4099	MOT	5.05
1N4100	MOT	5.05
1N4101	MOT	5.05
1N4102	MOT	5.05
1N4103	MOT	5.05
1N4104	MOT	5.05
1N4105	MOT	5.05
1N4106	MOT	5.05
1N4107	MOT	5.05
1N4108	MOT	5.05
1N4109	MOT	5.05
1N4110	MOT	5.05
1N4111	MOT	5.05
1N4112	MOT	5.05
1N4113	MOT	5.05
1N4114	MOT	5.05
1N4115	MOT	5.05
1N4116	MOT	5.05
1N4117	MOT	5.05
1N4118	MOT	5.05
1N4119	MOT	5.05
1N4120	MOT	5.05
1N4121	MOT	5.05
1N4122	MOT	5.05
1N4123	MOT	5.05
1N4124	MOT	5.05
1N4125	MOT	5.05
1N4126	MOT	5.05
1N4127	MOT	5.05
1N4128	MOT	5.05
1N4129	MOT	5.05
1N4130	MOT	5.05
1N4131	MOT	5.05
1N4132	MOT	5.05
1N4133	MOT	5.05
1N4134	MOT	5.05
1N4135	MOT	5.05
1N4148	GE	.35

Type	Mfr.	EACH
1N4149	GE	.52
1N4150	GE	2.25
1N4151	GE	.75
1N4152	GE	.67
1N4153	GE	.95
1N4154	GE	.37
1N4156	GE	.75
1N4157	GE	1.04
1N4305	GE	.60
1N4306	GE	7.00
1N4370A	MOT	2.75
1N4371A	MOT	2.75
1N4372A	MOT	2.75
1N4383	SYL	.48
1N4384	SYL	.58
1N4385	SYL	.78
1N4444	GE	1.51
1N4446	GE	.40
1N4447	GE	.58
1N4448	GE	.80
1N4449	GE	1.07
1N4450	GE	1.45
1N4451	GE	1.28
1N4454	GE	.35
1N4506	GE	5.10
1N4507	GE	6.90
1N4508	GE	9.18
1N4525	GE	6.45
1N4531	GE	.59
1N4532	GE	.78
1N4533	GE	.96
1N4534	GE	1.20
1N4536	GE	.59
1N4585	SYL	1.20
1N4586	SYL	2.70
1N4719	MOT	.66
1N4720	MOT	.73
1N4721	MOT	.82
1N4722	MOT	1.12
1N4727	GE	.40
1N4816	IR	.25
1N4817	IR	.30
1N4818	IR	.35
1N4819	IR	.40
1N4820	IR	.44
1N4821	IR	.48
1N4822	IR	.55
1N4829	GE	.69
1N4830	GE	.93
1N4863	GE	1.02
1N4951	GE	.34
1N4952	GE	.38
1N4997	MOT	.66
1N4998	MOT	.73
1N4999	MOT	.82
1N5000	MOT	1.12
1N5052	IR	.78
1N5053	IR	.94
1N5054	IR	1.28
1N5059	GE	.46
1N5060	GE	.56
1N5061	GE	.75
1N5062	GE	1.12
1N5221	MOT	.67
1N5222	MOT	.67
1N5223	MOT	.67
1N5224	MOT	.67
1N5225	MOT	.67
1N5226	MOT	.67
1N5227	MOT	.67
1N5228	MOT	.67
1N5229	MOT	.67
1N5230	MOT	.67
1N5231	MOT	.67
1N5232	MOT	.67
1N5233	MOT	.67
1N5234	MOT	.67
1N5235	MOT	.67
1N5236	MOT	.67
1N5237	MOT	.67
1M5238	MOT	.67
1M5239	MOT	.67
1N5240	MOT	.67
1N5241	MOT	.67
1N5242	MOT	.67
1N5243	MOT	.67
1N5244	MOT	.67
1N5245	MOT	.67
1N5246	MOT	.67
1N5247	MOT	.67
1N5248	MOT	.67
1N5249	MOT	.67
1N5250	MOT	.67
1N5251	MOT	.67
1N5252	MOT	.67
1N5253	MOT	.67
1N5254	MOT	.67
1N5255	MOT	.67
1N5256	MOT	.67
1N5257	MOT	.67
2N43	GE	4.13
2N44	GE	2.93
2N78	GE	2.49
2N104	RCA	1.65
2N107	GE	.75

Type	Mfr.	EACH
2N109	RCA	.66
2N140	RCA	1.24
2N169	GE	1.59
2N169A	GE	2.42
2N170	GE	1.02
2N173	MOT	3.40
2N174	MOT	3.60
2N174A	MOT	3.80
2N176	MOT	1.20
2N178	MOT	1.10
2N188A	GE	1.65
2N189	GE	.78
2N190	GE	.83
2N191	GE	.90
2N192	GE	1.59
2N217	RCA	.57
2N220	RCA	1.52
2N241A	GE	.98
2N251A	TI	1.88
2N270	RCA	.76
2N277	MOT	2.25
2N278	MOT	2.80
2N292	GE	.83
2N293	GE	.90
2N297A	MOT	1.60
2N319	GE	.44
2N320	GE	.59
2N321	GE	.65
2N322	GE	.42
2N323	GE	.59
2N324	GE	.72
2N327A	TI	2.00
2N332	TI	4.65
2N333	GE	4.65
2N334	GE	4.65
2N335	GE	4.95
2N335A	GE	5.25
2N335B	GE	8.90
2N336	GE	6.00
2N336A	GE	6.30
2N337	GE	4.85
2N338	GE	5.50
2N338A	GE	5.80
2N350A	MOT	1.65
2N370	RCA	1.08
2N372	RCA	1.06
2N375	MOT	2.20
2N376A	MOT	1.85
2N381	MOT	1.28
2N382	MOT	1.73
2N383	MOT	2.18
2N388	GE	.47
2N388A	RCA	.88
2N394A	GE	.60
2N395	RCA	.50
2N396	RCA	.75
2N396A	GE	.62
2N398	RCA	.83
2N398A	RCA	.91
2N398B	RCA	1.16
2N404	RCA	.42
2N404A	RCA	.55
2N405	RCA	.48
2N406	RCA	.41
2N407	RCA	.54
2N408	RCA	.48
2N409	RCA	.55
2N410	RCA	.48
2N412	RCA	.53
2N413	GE	.42
2N414	RCA	.42
2N428	TI	1.23
2N441	MOT	1.26
2N442	MOT	1.66
2N443	MOT	1.90
2N450	GE	2.10
2N456A	TI	1.80
2N456B	TI	1.80
2N457A	TI	2.18
2N457B	TI	2.18
2N458A	TI	2.63
2N458B	TI	2.63
2N464	MOT	1.88
2N465	MOT	1.88
2N466	MOT	2.10
2N467	MOT	2.55
2N489	GE	7.10
2N489B	GE	9.15
2N490	GE	7.80
2N491	GE	8.40
2N492	GE	9.90
2N501	SPR	6.35
2N502	SPR	2.90
2N502	MOT	3.25
2N502A	MOT	3.75
2N502B	MOT	4.20
2N508	GE	.69
2N508A	GE	.81
2N511	TI	4.05
2N511A	TI	4.73
2N524	GE	.59
2N525	GE	.80
2N526	GE	1.00
2N527	GE	1.00
2N554	MOT	.60

Type	Mfr.	EACH
2N555	MOT	.75
2N581	RCA	.50
2N582	RCA	.66
2N585	RCA	.99
2N586	RCA	1.73
2N588	SPR	1.45
2N591	RCA	.58
2N618	MOT	2.45
2N647	RCA	1.08
2N649	RCA	.86
2N650	MOT	2.03
2N651	MOT	2.03
2N652	MOT	2.30
2N652A	TI	2.25
2N653	MOT	2.50
2N655	MOT	2.80
2N656	TI	2.03
2N657	TI	2.20
2N669	MOT	1.42
2N682	MOT	4.10
2N696	MOT	.52
2N697	MOT	.52
2N698	TI	1.57
2N699	RCA	1.16
2N700	MOT	7.35
2N705	MOT	1.03
2N706	MOT	.46
2N706A	MOT	1.18
2N706B	MOT	1.48
2N708	MOT	.49
2N709	RCA	1.32
2N711	MOT	.88
2N711A	MOT	.88
2N711B	MOT	.94
2N717	TI	.99
2N718	MOT	.46
2N718A	MOT	.79
2N721	TI	1.46
2N726	TI	3.00
2N730	TI	.99
2N741	MOT	2.18
2N741A	MOT	3.30
2N744	MOT	2.90
2N753	MOT	1.97
2N769	SPR	6.75
2N779A	SPR	3.50
2N797	TI	4.27
2N834	MOT	2.00
2N835	MOT	1.50
2N859	SPR	9.35
2N861	SPR	6.00
2N863	SPR	4.50
2N914	MOT	.95
2N916	MOT	3.65
2N917	RCA	1.27
2N918	MOT	3.30
2N929	MOT	2.25
2N930	MOT	2.60
2N956	MOT	.85
2N960	MOT	.96
2N961	MOT	.91
2N962	MOT	.85
2N963	MOT	.82
2N964	MOT	.99
2N965	MOT	.94
2N966	MOT	.88
2N967	MOT	.87
2N968	MOT	.90
2N969	MOT	.84
2N970	MOT	.81
2N971	MOT	.79
2N972	MOT	.93
2N973	MOT	.89
2N974	MOT	.83
2N975	MOT	.81
2N976	SPR	4.35
2N995	MOT	5.85
2N1010	RCA	2.89
2N1011	MOT	1.95
2N1021	TI	3.08
2N1022	MOT	3.60
2N1022A	TI	3.60
2N1038	TI	1.80
2N1039	TI	2.40
2N1040	TI	3.60
2N1041	TI	4.50
2N1042	TI	2.85
2N1043	TI	4.20
2N1046	TI	8.25
2N1086	GE	1.11
2N1090	RCA	1.21
....	.....	....
2N1097	GE	.57
2N1098	GE	.53
2N1099	MOT	3.90
2N1100	MOT	4.50
2N1131	MOT	5.60
2N1132	MOT	1.46
2N1143	MOT	3.50
2N1162	MOT	4.45
2N1163	MOT	4.45
2N1165	MOT	6.35

Type	Mfr.	EACH
2N1166	MOT	7.55
2N1167	MOT	7.55
2N1175	GE	.93
2N1175A	GE	1.35
2N1177	RCA	1.01
2N1178	RCA	.99
2N1179	RCA	.99
2N1180	RCA	.80
2N1183	RCA	1.82
2N1183A	RCA	2.31
2N1183B	RCA	2.89
2N1184	RCA	2.48
2N1184A	RCA	2.81
2N1184B	RCA	4.13
2N1188	MOT	4.70
2N1191	MOT	1.40
2N1192	MOT	1.40
2N1193	MOT	1.87
2N1194	MOT	2.03
2N1195	MOT	3.95
2N1204	MOT	1.65
2N1273	TI	.42
2N1274	TI	.50
2N1300	RCA	1.16
2N1301	RCA	1.49
2N1302	RCA	.42
2N1303	RCA	.42
2N1304	RCA	.50
2N1305	RCA	.48
2N1306	RCA	.62
2N1307	RCA	.58
2N1308	RCA	.91
2N1309	RCA	.91
....	.....	.....
....	.....	.....
2N1358	MOT	4.15
2N1360	MOT	1.70
2N1363	MOT	3.10
2N1370	TI	.72
2N1371	TI	1.14
2N1372	TI	.81
2N1373	TI	1.20
2N1374	TI	1.02
2N1375	TI	1.38
2N1376	TI	1.29
2N1377	TI	1.50
2N1378	TI	1.29
2N1379	TI	1.44
2N1380	TI	.66
2N1381	TI	.72
2N1382	TI	.99
2N1383	TI	.92
2N1404	TI	.58
2N1413	GE	.69
2N1414	GE	.69
2N1415	GE	.80
2N1420	MOT	.65
2N1479	RCA	2.15
2N1480	RCA	2.31
2N1481	RCA	2.48
2N1482	RCA	3.30
2N1483	RCA	2.89
2N1484	RCA	3.63
2N1485	RCA	4.46
2N1486	RCA	6.77
2N1487	RCA	4.54
2N1488	RCA	4.95
2N1489	RCA	7.43
2N1490	RCA	8.25
2N1491	RCA	1.82
2N1493	RCA	7.01
2N1495	MOT	3.30
2N1499A	MOT	1.60
2N1499A	SPR	1.40
2N1499B	SPR	1.55
2N1500	SPR	6.95
2N1507	TI	1.20
2N1524	RCA	.47
2N1525	RCA	.53
2N1526	RCA	.48
2N1530	MOT	1.60
2N1532	MOT	3.00
2N1534	MOT	1.40
2N1535	MOT	1.50
2N1537	MOT	3.90
2N1539	MOT	1.50
2N1540	MOT	1.58
2N1541	MOT	1.85
2N1542	MOT	2.35
2N1544	MOT	1.65
2N1545	MOT	1.85
2N1546	MOT	2.30
2N1547	MOT	2.75
2N1553	MOT	1.85
2N1554	MOT	2.30
2N1555	MOT	2.75
2N1556	MOT	4.00
2N1557	MOT	2.15
2N1558	MOT	2.80
2N1560	MOT	4.45
2N1595	MOT	2.15
2N1596	MOT	2.60

Type	Mfr.	EACH
2N1597	MOT	4.95
2N1605	RCA	.62
2N1605A	RCA	1.09
2N1613	RCA	.75
2N1614	GE	2.50
2N1631	RCA	.65
2N1632	RCA	.58
2N1637	RCA	.57
2N1638	RCA	.50
2N1639	RCA	.53
2N1671	GE	2.95
2N1671A	GE	3.20
2N1671B	GE	3.55
2N1694	GE	.99
2N1700	RCA	1.90
2N1701	RCA	2.31
2N1702	RCA	4.54
2N1711	RCA	.94
2N1715	TI	8.25
2N1718	TI	6.75
2N1719	TI	9.00
2N1742	MOT	2.70
2N1742	SPR	2.93
2N1743	SPR	2.87
2N1744	SPR	2.25
2N1745	SPR	1.80
2N1748A	SPR	1.15
2N1754	SPR	1.35
2N1770	GE	4.05
2N1771	GE	4.65
2N1771A	GE	6.97
2N1772	GE	5.77
2N1773	GE	6.97
2N1808	TI	.58
2N1893	RCA	1.08
2N1905	RCA	4.13
2N1906	RCA	6.60
2N1907	TI	7.88
2N1924	GE	1.35
2N1925	GE	1.56
2N1926	GE	1.82
2N1930	GE	7.65
2N1970	MOT	2.35
2N1991	MOT	3.95
2N1994	TI	2.33
2N1997	TI	1.77
2N1998	TI	1.88
2N2000	TI	2.50
2N2001	TI	2.17
2N2015	RCA	9.08
2N2016	RCA	9.90
2N2048	MOT	1.60
2N2048	SPR	1.80
2N2076	MOT	3.60
2N2077	MOT	2.85
2N2078	MOT	1.90
2N2079	MOT	7.20
2N2080	MOT	5.10
2N2081	MOT	3.15
2N2102	RCA	1.13
2N2107	GE	2.09
2N2108	GE	2.10
2N2139	MOT	2.25
2N2140	MOT	3.90
2N2142	MOT	2.30
2N2143	MOT	2.45
2N2144	MOT	3.75
2N2145	MOT	4.50
2N2147	RCA	1.57
2N2148	RCA	1.08
2N2152	MOT	3.60
2N2153	MOT	5.55
2N2156	MOT	4.10
2N2157	MOT	6.35
2N2160	GE	1.49
2N2188	TI	1.28
2N2189	TI	1.64
2N2190	TI	1.47
2N2191	TI	1.85
2N2196	GE	4.50
2N2197	GE	4.62
2N2217	MOT	3.35
2N2218MLI	MOT	1.20
2N2219	MOT	1.05
2N2219A	MOT	5.25
2N2221	MOT	.75
2N2222	MOT	1.05
2N2270	RCA	.91
2N2280	SPR	4.50
2N2322	GE	2.25
2N2322A	GE	3.24
2N2323	GE	2.47
2N2323A	GE	3.60
2N2324	GE	4.05
2N2325	GE	5.92
2N2360	SPR	2.40
2N2362	SPR	2.10
2N2369	MOT	1.07
2N2382	MOT	5.15
2N2386	TI	3.75
2N2398	SPR	3.45
2N2402	SPR	2.25
2N2405	RCA	1.57
2N2410	TI	4.50
2N2411	TI	3.15

Type	Mfr.	EACH
2N2412	TI	6.00
2N2475	RCA	1.62
2N2476	RCA	1.16
2N2501	MOT	4.70
2N2527	MOT	9.30
2N2538	MOT	5.85
2N2540	MOT	5.85
2N2552	TI	3.00
2N2553	TI	2.48
2N2554	TI	1.95
2N2556	TI	2.48
2N2575	MOT	7.10
2N2586	TI	6.00
2N2613	RCA	.55
2N2614	RCA	.50
2N2635	TI	.94
2N2646	GE	1.05
2N2647	GE	1.89
2N2659	TI	1.65
2N2687	TI	2.25
2N2688	TI	2.50
2N2689	TI	3.75
2N2690	TI	6.75
2N2708	RCA	2.31
2N2711	GE	.29
2N2712	GE	.34
2N2713	GE	.38
2N2714	GE	.41
2N2801	MOT	7.10
2N2832	MOT	4.50
2N2861	TI	8.50
2N2865	TI	3.45
2N2869/2N301	RCA	1.52
2N2870/2N301A	RCA	3.15
2N2895	RCA	1.41
2N2897	RCA	1.16
2N2904	MOT	1.90
2N2904A	MOT	4.90
2N2905	MOT	1.90
2N2906	MOT	1.90
2N2907	MOT	1.90
2N2923	GE	.32
2N2924	GE	.34
2N2925	GE	.41
2N2951	MOT	4.50
2N2996	TI	1.43
2N2997	TI	3.08
2N3053	RCA	.75
2N3054	RCA	1.16
2N3055	RCA	1.82
2N3118	RCA	4.95
2N3119	RCA	5.36
2N3133	MOT	4.95
2N3134	MOT	5.85
2N3135	MOT	4.95
2N3136	MOT	5.85
2N3146	TI	4.35
2N3228	RCA	1.62
2N3241A	RCA	.73
2N3242A	RCA	.83
2N3248	MOT	3.90
2N3250	MOT	3.90
2N3251	MOT	4.65
2N3283	MOT	1.50
2N3286	MOT	.97
2N3323	MOT	.90
2N3324	MOT	.82
2N3325	MOT	.75
2N3391	GE	.61
2N3391A	GE	.70
2N3392	GE	.29
2N3393	GE	.29
2N3394	GE	.27
2N3402	GE	.41
2N3403	GE	.43
2N3404	GE	.61
2N3405	GE	.77
2N3414	GE	.36
2N3415	GE	.38
2N3416	GE	.56
2N3417	GE	.72
2N3439	RCA	3.71
2N3440	RCA	1.82
2N3528	RCA	1.62
2N3553	RCA	4.37
2N3605	GE	.32
2N3606	GE	.29
2N3607	GE	.23
2N3662	GE	.50
2N3663	GE	.54
2N3669	RCA	3.27
2N3702	TI	.45
2N3703	TI	.39
2N3704	TI	.60
2N3705	TI	.57
2N3706	TI	.52
2N3707	TI	.60
2N3708	TI	.45
2N3709	TI	.48
2N3710	TI	.49
2N3711	TI	.54
2N3721	GE	.29
2N3819	TI	.90
2N3820	TI	2.95
2N3825	TI	.58

Type	Mfr.	EACH
2N3826	TI	.54
2N3827	TI	.58
2N3854	GE	.34
2N3854A	GE	.36
2N3855	GE	.36
2N3855A	GE	.38
2N3856	GE	.38
2N3856A	GE	.41
2N3858	GE	.32
2N3858A	GE	.41
2N3859	GE	.34
2N3859A	GE	.43
2N3860	GE	.38
2N3877	GE	.47
2N3877A	GE	.52
2N3900	GE	.59
2N3900A	GE	.65
2N3973	GE	.49
2N3974	GE	.47
2N3975	GE	.38
2N3976	GE	.41
2N4036	RCA	1.32
2N4037	RCA	1.16
2N4054	GE	1.20
2N4055	GE	1.06
2N4056	GE	.95
2N4057	GE	.81
2N4058	TI	.66
2N4059	TI	.54
2N4060	TI	.55
2N4061	TI	.57
2N4062	TI	.60
2N4254	TI	.90
2N4259	RCA	1.90
2N4296	RCA	2.48
2N4297	RCA	2.89
2N4298	RCA	3.71
2N4299	RCA	4.13
2N4390	RCA	.75
2N4400	MOT	.60
2N4401	MOT	.75
2N4402	MOT	.60
2N4403	MOT	.75
2N4409	MOT	.67
2N4410	MOT	.96
2N4418	TI	.64
2N4421	TI	.60
2N4422	TI	.60
2N4423	TI	.76
2N4441	MOT	1.20
2N4442	MOT	1.50
2N4443	MOT	2.00
2N4444	MOT	4.50
2N4870	MOT	.75
2N4871	MOT	.75
2N4890	MOT	1.12
2N4901	MOT	2.75
2N4902	MOT	3.30
2N4903	MOT	4.25
2N4904	MOT	3.35
2N4905	MOT	4.45
2N4906	MOT	5.60
2N4913	MOT	2.40
2N4914	MOT	2.60
2N4915	MOT	4.20
2N4987	GE	.84
2N4988	GE	1.23
2N4989	GE	1.73
2N4990	GE	.89
2N4991	GE	.75
2N4992	GE	1.35
2N5034	RCA	1.34
2N5035	RCA	1.32
2N5036	RCA	1.42
2N5037	RCA	1.41
2N5060	MOT	.77
2N5061	MOT	.83
2N5062	MOT	.96
2N5063	MOT	1.09
2N5067	MOT	1.80
2N5068	MOT	2.25
2N5069	MOT	2.85
2N5172	GE	.21
2N5174	GE	.63
2N5175	GE	.68
2N5176	GE	.72
2N5179	RCA	.65
2N5180	RCA	.48
2N5181	RCA	.45
2N5182	RCA	.40
2N5183	RCA	.32
2N5184	RCA	.45
2N5185	RCA	.52
2N5186	RCA	.40
2N5187	RCA	.45
2N5188	RCA	.55
2N5189	RCA	.65
3N81	GE	3.40
3N83	GE	2.13
3N84	GE	1.98
3N85	GE	3.30
3N138	RCA	3.30
3N139	RCA	2.89
3N140	RCA	1.62
3N141	RCA	1.55

Type	Mfr.
3N142	RCA
¼M2.4AZ5	MOT
¼M2.7AZ5	MOT
¼M3.0AZ5	MOT
¼M3.6AZ5	MOT
¼M3.9AZ5	MOT
¼M4.7AZ5	MOT
¼M5.1AZ5	MOT
¼M5.6AZ5	MOT
¼M6.2AZ5	MOT
¼M6.8Z5	MOT
¼M10Z5	MOT
¼M12Z5	MOT
¼M20Z5	MOT
1MA4	IR
1ZM3.3T5	IR
1ZM3.6T5	IR
1ZM3.9T5	IR
1ZM4.3T5	IR
1ZM4.7T5	IR
1ZM5.1T5	IR
1ZM5.6T5	IR
1ZM6.2T5	IR
1ZM6.8T5	IR
1ZM7.5T5	IR
1ZM8.2T5	IR
1ZM9.1T5	IR
1ZM10T5	IR
1ZM11T5	IR
1ZM12T5	IR
1ZM13T5	IR
1ZM15T5	IR
2F4	ST
5A2	IR
5A4	IR
5A6	IR
5A8	IR
5A10	IR
5E4	IR
5MA4	IR
5MA6	IR
6GC1	GE
6GD1	GE
6GX1	GE
8D4	IR
8D6	IR
10B1	IR
10B4	IR
10D5	IR
10D10	IR
18DB2A	IR
18DB6A	IR
18DB10A	IR
18DC6A	IR
18DJ2A	IR
18DJ6A	IR
18DJ10A	IR
50M	ST
60M	ST
61-8969	IR
650C0	TI
650C3	TI
651C5	TI
652C0	TI
652C5	TI
40022	RCA
40050	RCA
40084	RCA
40108	RCA
40108R	RCA
40109	RCA
40110	RCA
40208	RCA
40231	RCA
40232	RCA
40233	RCA
40234	RCA
40235	RCA
40238	RCA
40239	RCA
40240	RCA
40242	RCA
40245	RCA
40246	RCA
40250	RCA
40253	RCA
40254	RCA
40261	RCA
40262	RCA
40263	RCA
40265	RCA
40266	RCA
40267	RCA
40309	RCA
40311	RCA
40314	RCA
40315	RCA
40317	RCA
40320	RCA
40323	RCA
40326	RCA
40329	RCA
40347	RCA
40363	RCA
40395	RCA

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pe	Mfr.	EACH
96	RCA	.83
98	RCA	.60
29	RCA	2.48
30	RCA	3.27
31	RCA	2.97
32	RCA	3.76
68	RCA	.75
85	RCA	2.48
86	RCA	3.27
04	RCA	1.78
05	RCA	2.48
06	RCA	3.22
07	RCA	1.78
08	RCA	2.48
11	RCA	3.14
12	RCA	3.93
13	RCA	1.24
14	RCA	1.26
25	RCA	1.57
26	RCA	1.62
27	RCA	2.31
28	RCA	1.57
29	RCA	1.62
30	RCA	2.31
59	RCA	.70
B	IR	1.22
H	IR	.43
E	GE	1.95
IA	GE	.42
IF	GE	.37
A	GE	1.77
B	GE	1.82
D	GE	2.90
F	GE	1.73
139	MOT	1.95
239	MOT	2.17
B	IR	1.28
H	IR	.40
4	GE	5.00
B	IR	1.46
H	IR	.42
B	GE	2.07
	GE	1.65
	GE	1.57
5B	GE	3.75
5C	GE	6.75
5D	GE	9.75
B	GE	1.98
C	GE	2.64
D	GE	3.00
F	GE	1.77
2B	GE	1.68
2D	GE	2.70
2U	GE	1.41
B	GE	5.57
D	GE	7.70
2B	GE	5.40
2C	GE	7.05
2D	GE	7.44
7B	GE	5.32
06A1	GE	1.13
06A2	GE	1.18
06A3	GE	1.18
06A4	GE	1.18
06B1	GE	1.28
06B2	GE	1.33
06B3	GE	1.33
06B4	GE	1.33
06F1	GE	1.05
06F2	GE	1.10
06F3	GE	1.10
06F4	GE	1.10
06G3	GE	1.23
06G4	GE	1.23
06Y1	GE	.90
06Y2	GE	.95
06Y3	GE	.95
06Y4	GE	.95
11B	GE	2.60
R103	RCA	8.15
R104	RCA	9.60
R105	RCA	10.55
R201	RCA	3.10
R203	RCA	4.80
R204	RCA	5.75
R206	RCA	6.95
R208	RCA	8.40
R210	RCA	10.10
7A31	GE	1.08
7A32	GE	2.25
12A8	GE	5.65
16P1	GE	.47
16P2	GE	.52
16P3	GE	.76
16P4	GE	.78
28C1	GE	.93
28C2	GE	1.01
28C3	GE	1.15
28C4	GE	1.06
28C5	GE	1.17
8D1	GE	.77
28D2	GE	.88
28D3	GE	1.01
28D4	GE	.90
28D5	GE	1.04

Type	Mfr.	EACH
DD170	IR	1.95
DD175	IR	.99
DD176	IR	.59
DD177	IR	.99
E075L	IR	.59
E150L	IR	.74
E300L	IR	1.10
E500L	IR	1.22
E650L	IR	2.08
F-8	ST	.52
F16H1	GE	.96
FA8	ST	1.60
G129	TI	1.00
G130	TI	1.00
GE-1	GE	1.20
GE-2	GE	1.02
GE-3	GE	2.34
GE-4	GE	4.44
GE-5	GE	1.68
GE-6	GE	1.83
GE-7	GE	1.77
GE-8	GE	1.29
GE-9	GE	1.26
GE-9A	GE	1.26
GE-10	GE	1.20
GE-11	GE	1.53
GE-12	GE	2.34
GE-13MP	GE	4.68
GE-14	GE	3.51
GE-15MP	GE	7.02
GE-16	GE	3.15
GE-17	GE	1.42
GE-18	GE	1.42
GE-19	GE	3.06
GE-20	GE	1.10
GE-21	GE	1.12
GE-22	GE	1.03
GE-23	GE	2.52
GE-24MP	GE	5.04
GE-504A	GE	.66
GE-FET-1	GE	2.26
GEM-100	GE	1.20
GE-X1	GE	2.60
GE-X2A	GE	2.80
GE-X3	GE	4.00
GE-X4	GE	1.60
GE-X5	GE	2.30
GE-X6	GE	1.40
GE-X7	GE	.80
GE-X9	GE	.70
GE-X10	GE	1.35
GE-X11	GE	1.80
GE-X12	GE	4.50
GE-X13	GE	1.60
GE-X14	GE	1.15
GE-X15	GE	3.45
GE-X16	GE	3.45
H11	TI	4.00
H35	TI	5.00
H38	TI	4.00
MOTOROLA HEP DEVICES See Page 526		
L14B	GE	1.45
M1B	IR	1.72
M1H	IR	.56
MDA920-4	MOT	2.30
MDA942-1	MOT	2.35
MDA942-2	MOT	2.65
MDA942-3	MOT	2.95
MDA942-5	MOT	3.45
MDA952-1	MOT	3.25
MDA952-2	MOT	3.50
MDA952-3	MOT	4.45
MJ400	MOT	1.65
MJ420	MOT	1.80
MJ421	MOT	1.85
MJ440	MOT	1.55
MJ2251	MOT	1.87
MJ2252	MOT	2.02
MJ3101	MOT	1.95
MJ3201	MOT	1.72
MJ3202	MOT	1.87
MJ4101	MOT	1.57
MK-10	MOT	.23
MK-15	MOT	.23
MK-20	MOT	.35
MM380	MOT	1.26
MM1139	MOT	1.35
MM4048	MOT	4.10
MM5000	MOT	4.40
MM5001	MOT	3.15
MM5002	MOT	2.25
MP500	MOT	5.70
MP504	MOT	6.60
MP505	MOT	10.20
MP505A	MOT	12.75
MP3730	MOT	1.58
MP3731	MOT	2.10
MPF102	MOT	.90
MPF103	MOT	1.00
MPF104	MOT	1.00
MPF105	MOT	1.00
MPS2369	MOT	.53
MPS2711	MOT	.40
MPS2712	MOT	.43

Type	Mfr.	EACH
MPS2715	MOT	.57
MPS2716	MOT	.60
MPS2926	MOT	.40
MPS3392	MOT	.51
MPS3393	MOT	.40
MPS3394	MOT	.39
MPS3395	MOT	.58
MPS3396	MOT	.54
MPS3397	MOT	.48
MPS3398	MOT	.57
MPS3702	MOT	.45
MPS3703	MOT	.49
MPS3704	MOT	.61
MPS3705	MOT	.57
MPS3706	MOT	.52
MPS3707	MOT	.60
MPS3708	MOT	.48
MPS3709	MOT	.45
MPS3710	MOT	.49
MPS3711	MOT	.54
MPS3826	MOT	.54
MPS3827	MOT	.58
MPS6511	MOT	1.05
MPS6518	MOT	.67
MPS6519	MOT	.75
MPS6522	MOT	.90
MPS6523	MOT	.97
MPS6541	MOT	.96
MPS6542	MOT	1.20
MPS6543	MOT	1.32
MPS6544	MOT	1.12
MPS6545	MOT	1.24
MPS6546	MOT	1.24
MPS6547	MOT	1.35
MPS6552	MOT	.55
MPS6553	MOT	.60
MPS6554	MOT	.63
MPS6555	MOT	.67
MPS6560	MOT	.78
MPS6561	MOT	.69
MPS6564	MOT	.75
MPS6565	MOT	.52
MPS6566	MOT	.57
MPS6567	MOT	1.00
MPS6568	MOT	1.50
MPS6569	MOT	1.11
MPS6570	MOT	.96
MPT28	MOT	.67
MPT32	MOT	.67
MPT36	MOT	.68
MR322	MOT	.67
MR322R	MOT	.67
MR323	MOT	.76
MR323R	MOT	.76
MR324	MOT	1.11
MR324R	MOT	1.11
MR325	MOT	1.27
MR326	MOT	1.48
MR326R	MOT	1.48
MR327	MOT	2.40
MR328	MOT	3.35
MR330	MOT	6.75
MR331	MOT	9.75
MR1033B	MOT	.93
MR1120	MOT	1.03
MR1337-1	MOT	3.35
MR1337-2	MOT	4.95
MR1337-3	MOT	6.75
MR1337-4	MOT	9.00
MR2261	MOT	.19
MR2262	MOT	.25
MR2263	MOT	.30
MR2264	MOT	.37
MR2265	MOT	.54
MR2266	MOT	1.08
MR2272	MOT	.57
MR2273	MOT	.48
MS-10	MOT	2.10
MS-15	MOT	2.10
MU4891	MOT	.90
MU4892	MOT	1.23
MU4893	MOT	.96
MU4894	MOT	1.05
MV1620	MOT	1.42
MV1622	MOT	1.42
MV1624	MOT	1.42
MV1626	MOT	1.42
MV1628	MOT	1.42
MV1630	MOT	1.42
MV1632	MOT	1.42
MV1634	MOT	1.42
MV1636	MOT	1.42
MV1638	MOT	1.42
MV1640	MOT	1.42
MV1642	MOT	1.42
MV1644	MOT	1.42
MV1646	MOT	1.42
MV1650	MOT	1.42
Q1B	IR	.55
Q4B	IR	1.56
RA1	GE	4.50
RA1A	GE	7.95
RA2	GE	7.95
SC40B	GE	3.03
SC41B	GE	2.58

Type	Mfr.	EACH
SC45B	GE	3.93
SC46B	GE	3.48
SD-94A	IR	.96
SD-95A	IR	1.06
SK-3003	RCA	.99
SK-3004	RCA	.99
SK-3005	RCA	1.17
SK-3006	RCA	1.26
SK-3007	RCA	1.26
SK-3008	RCA	1.23
SK-3009	RCA	2.34
SK-3010	RCA	1.26
SK-3011	RCA	1.62
SK-3012	RCA	4.38
SK-3013	RCA	4.68
SK-3014	RCA	3.15
SK-3015	RCA	6.30
SK-3016	RCA	.48
SK-3017A	RCA	.51
SK-3018	RCA	1.35
SK-3019	RCA	1.47
SK-3020	RCA	1.17
SK-3021	RCA	1.77
SK-3022	RCA	3.96
SK-3023	RCA	3.96
SK-3024	RCA	1.98
SK-3025	RCA	2.70
SK-3026	RCA	1.80
SK-3027	RCA	3.15
SK-3028	RCA	3.60
SK-3029	RCA	3.60
SK-3030	RCA	3.60
SK-3031	RCA	.43
SK-3032	RCA	.61
SK-3033	RCA	.81
ST-2	GE	.75
ST-14C	IR	4.20
TD-9	GE	4.00
TD-253B	GE	12.00
TD-710	GE	1.25
TD-712	GE	1.12
TD-713	GE	1.62
TD-714	GE	1.08
TD-715	GE	1.56
TD-716	GE	1.05
TD-717	GE	1.50
TD-718	GE	1.05
TD-719	GE	1.50
TI-40A4	TI	5.50
TI-42	TI	.87

Type	Mfr.	EACH
TI-51	TI	.39
TI-52	TI	.42
TI-53	TI	.45
TI-54	TI	.50
TI-55	TI	.57
TI-56	TI	.65
TI-57	TI	.73
TI-60	TI	.96
TI-408	TI	.57
TI-409	TI	.54
TI-481	TI	1.90
TI-482	TI	2.15
TI-483	TI	2.40
TI-484	TI	2.95
TI-487	TI	5.60
TI-492	TI	1.55
TI-493	TI	1.90
TI-494	TI	2.50
TI-495	TI	3.00
TI-496	TI	1.75
TIS37	TI	.88
TIS38	TI	.83
TIS42	TI	4.95
TIS43	TI	1.08
TIS44	TI	.49
TIS45	TI	.60
TIS46	TI	.63
TIS47	TI	.60
TIS48	TI	.64
TIS49	TI	.75
TIS51	TI	.63
TIS52	TI	.65
TIS53	TI	.60
TIS54	TI	.67
TIS55	TI	.60
TIS60	TI	.53
TIS61	TI	.57
V56E	TRW	3.05
Z4XL6.2	GE	.75
Z4XL6.2B	GE	.84
Z4XL7.5B	GE	.84
Z4XL9.1	GE	.75
Z4XL9.1B	GE	.84
Z4XL12	GE	.75
Z4XL12B	GE	.84
Z4XL20	GE	.75
Z4XL22	GE	.75
Z4XL22B	GE	.84

integrated circuit directory

Type	Mfr.	EACH
CA3000	RCA	3.80
CA3001	RCA	5.55
CA3002	RCA	3.71
CA3004	RCA	3.71
CA3005	RCA	2.48
CA3006	RCA	5.80
CA3007	RCA	5.35
CA3008	RCA	10.90
CA3008A	RCA	11.55
CA3010	RCA	4.95
CA3010A	RCA	7.00
CA3011	RCA	1.47
CA3012	RCA	1.82
CA3013	RCA	2.15
CA3014	RCA	2.48
CA3015	RCA	6.60
CA3015A	RCA	8.65
CA3016	RCA	11.15
CA3016A	RCA	10.90
CA3018	RCA	1.62
CA3019	RCA	1.62
CA3020	RCA	2.56
CA3021	RCA	3.14
CA3022	RCA	2.64
CA3023	RCA	2.56
CA3028A	RCA	1.47
CA3029A	RCA	4.13
CA3030A	RCA	5.36
CA3033	RCA	6.50
CA3033A	RCA	8.15
CA3034	RCA	2.89
CA3034V1	RCA	2.89
CA3035	RCA	2.48
CA3035V1	RCA	2.48

Type	Mfr.	EACH
CA3036	RCA	1.47
CA3037	RCA	4.95
CA3037A	RCA	7.00
CA3038	RCA	6.60
CA3038A	RCA	8.65
CA3041	RCA	2.64
CA3042	RCA	2.64
MC815P	MOT	1.15
MC816P	MOT	1.55
MC817P	MOT	1.25
MC818P	MOT	1.15
MC819P	MOT	1.25
MC822P	MOT	1.55
MC824P	MOT	1.25
MC825P	MOT	1.25
MC826P	MOT	1.55
MC879P	MOT	2.85
MC885P	MOT	1.50
MC886P	MOT	1.50
MC887P	MOT	2.85
MC888P	MOT	1.55
MC889P	MOT	1.25
MC890P	MOT	2.30
MC892P	MOT	1.38
MC893P	MOT	1.38
MC898P	MOT	1.55
MC899P	MOT	1.25
PA189	GE	3.60
PA222	GE	3.70
PA223	GE	9.05
PA230	GE	3.30
PA237	GE	3.98
PA238	GE	3.30
PA424	GE	3.60

Only the most popular semiconductors are listed in this Directory—for a complete list of semi-conductors stocked at Allied—ask for Directory No. 23 C 7901. It will be sent at no charge.

RCA and I. R. Semiconductors

RCA "TOP-OF-THE-LINE" UNIVERSAL REPLACEMENT TRANSISTORS, RECTIFIERS AND INTEGRATED CIRCUITS

SK-3003. Germanium, PNP, alloy-junction transistor for replacement in AF output, driver and low-level amplifier stages of battery-operated portable radios and other electronic equipment using DC supply not greater than 9 volts. Shpg. wt., 2 oz.
SK-3003............ .99

SK-3004. Germanium, PNP, alloy-junction transistor for replacement in AF output, driver and low-level amplifier stages in battery-operated portable radios and other electronic equipment using DC supply not greater than 15 volts. Shpg. wt., 2 oz.
SK-3004............ .99

SK-3005. Germanium, PNP, alloy-junction transistor for replacement use in RF amplifier, converter and IF amplifier stages of standard AM broadcast band (530 to 1550 kHz) sets. Shpg. wt., 2 oz.
SK-3005............ 1.17

SK-3006. Germanium, PNP, drift-field transistor for replacement use in RF amplifier, IF amplifier and converter stages of FM and AM/FM receivers up to 108 MHz and other electronic equipment using DC supply up to 15 volts. Shpg. wt., 2 oz.
SK-3006............ 1.26

SK-3007. Germanium, PNP, drift-field transistor for replacement use in RF amplifier, IF amplifier and converter stages of "all-wave" receivers up to 30 MHz using DC supply up to 15 volts. Shpg. wt., 2 oz.
SK-3007............ 1.26

SK-3008. Germanium, PNP, drift-field transistor for RF amplifier, IF amplifier and converter stages of standard broadcast car radios and portable radios up to 15 volts. Shpg. wt., 2 oz.
SK-3008............ 1.23

SK-3009. Germanium, PNP, alloy-junction transistor for audio output stages of auto radios, high-fidelity amplifier equipment, and communications equipment. Shpg. wt., 2 oz.
SK-3009............ 2.34

SK-3010. Germanium, NPN, alloy-junction transistor for replacement use in Class A voltage amplifier or driver stage using DC supply voltages not greater than 15 volts. Shpg. wt., 2 oz.
SK-3010............ 1.26

SK-3011. Germanium, NPN, alloy-junction transistor for replacement use in RF amplifier, converter, and IF amplifier stages of standard AM broadcast band (530 to 1550 kHz) sets using supply voltages up to 18 V. Shpg. wt., 2 oz.
SK-3011............ 1.62

SK-3012. Germanium, PNP, alloy-junction transistor for replacement use in audio output stages of transistorized automobile radios. Stud-mounted. Shpg. wt., 2 oz.
SK-3012............ 4.38

SK-3013. Matched pair of SK-3009 transistors for replacement use in push-pull type output stages of auto radios, high-fidelity amplifiers, and communications equipment. Shpg. wt., 4 oz.
SK-3013............ 4.68

SK-3014. Germanium, PNP, drift-field transistor for audio output stages of auto radios, high-fidelity amplifier equipment and other audio communications equipment. Shpg. wt., 2 oz.
SK-3014............ 3.15

SK-3015. Matched pair of SK-3014 transistors, above. For replacement use in push-pull audio output stages of auto radios, amplifiers and other communications equipment. Shpg. wt., 4 oz.
SK-3015............ 6.30

SK-3016. Silicon rectifier for color and black-and-white TV sets, hi-fi equipment, phonographs, etc. Hermetically sealed Top-Hat case. PRV, 500 V. DC Output, 1 A max. Shpg. wt., 2 oz.
SK-3016............ .48

SK-3017A. Silicon rectifier for color and black-and-white TV sets, high-fidelity amplifiers, radios, phonographs, and other types of electronic equipment. Insulated case. PRV, 600 volts. DC output, 1 A max. Shpg. wt., 2 oz.
SK-3017A............ .51

SK-3018. Silicon, NPN, planar transistor for use in VHF-TV tuners, TV-IF amplifiers, FM tuners, FM-IF amplifiers, and other communications equipment. 4-terminal case. Shpg. wt., 4 oz.
SK-3018............ 1.35

SK-3019. Silicon, NPN, planar transistor designed specifically for use in UHF TV oscillator stages that originally employed silicon NPN transistors. Sealed 4-terminal case. Shpg. wt., 4 oz.
SK-3019............ 1.47

HOW TO ORDER

When ordering, specify Dept. No. 49 C 1, followed by Mfr's T
No. and Name. For Example:
49 C 1 SK3003-RCA Designates Radio Corp. of America Type SK3

SK-3020. Silicon, NPN, planar transistor for AF amplifier o
stages or in low-level driver applications operating with col
supply voltages up to 25 volts. Shpg. wt., 1 oz.
SK-3020............

SK-3021. Silicon, NPN, diffused transistor for replacement o
perimenter use in AF output stages for line-operated radios, p
graphs, and color or black-and-white TV receivers using DC s
voltages of 120 volts. Dissipation, up to 8 watts at $T_{MF}=70°C$.
SK-3021............

SK-3022. Linear Integrated Circuit. Wideband amplifier discri
tor for replacement use only in audio IF stages of TV receivers.
style package with 10 leads. **To order, specify Department Nun**
50 C 1, Mfr's Type No. and Name (50 C 1 SK3022-RCA).
wt., 2 oz.
SK-3022............

SK-3023. Linear Integrated Circuit. Wideband amplifier discri
tor for replacement use only in audio IF stages of TV receivers.
10-lead (Formed) pkg. **To order, specify Department Nun**
50 C 1, Mfr's Type No. and Name. (50 C 1 SK3023-RCA).
wt., 2 oz.
SK-3023............

SK-3024. Silicon NPN diffused power transistor for replacement
driver stages of audio amplifiers using DC supply voltages to
NPN complement of SK-3025. Shpg. wt., 2 oz.
SK-3024............

SK-3025. Silicon PNP planar power transistor for replacement
driver stages of audio amplifiers using DC supply voltages to
PNP complement of SK-3024. Shpg. wt., 2 oz.
SK-3025............

SK-3026. Silicon NPN planar power transistor for use as replace
transistor in Class A and B. Audio output amplifier stages in
fidelity equipment, transmitters, etc. Shpg. wt., 2 oz.
SK-3026............

SK-3027. Silicon NPN planar power transistor for use as replace
transistor in class B push-pull audio output amplifier stages in
fidelity and communications equipment. Shpg. wt., 2 oz.
SK-3027............

SK-3028. Matched pair of SK-3026 silicon NPN power transisto
replacement use in push-pull audio output amplifier stages in
fidelity and communications equipment. Shpg. wt., 2 oz.
SK-3028............

SK-3029. Matched pair of SK-3027 silicon NPN power transistors f
placement use in push-pull audio output amplifier stages using s
voltages up to 80 V. Shpg. wt., 2 oz.
SK-3029............

SK-3030. Silicon rectifier for replacement use in high-fidelity equip
color and black-and-white TV, other electronic devices. PRV o
volts; DC output current to 1 A. Insulated case. Shpg. wt., 2 oz.
SK-3030............

SK-3031. Silicon rectifier for replacement use in high-fidelity e
ment, color or black-and-white TV, other electronic devices. PR
400 volts; DC output current to 1 A. Insulated case. Shpg. wt.,
SK-3031............

SK-3032. Silicon rectifier for replacement use in high-fidelity e
ment, color and black-and-white TV, other electronic devices. PR
800 volts; DC output current to 1 A. Insulated case. Shpg. wt.,
SK-3032............

SK-3033. Silicon rectifier for replacement use in high-fidelity e
ment, color and black-and-white TV, other electronic devices. PR
1000 volts; DC output current to 1 A. Shpg. wt., 2 oz.
SK-3033............

SPG-202D CROSS REFERENCE GUIDE

Lists over 9600 transistor, integrated circuit and rectifier types
placed by the SK-Series "Top-of-the-Line" semiconductors. S
8½x11". Shpg. wt., 1¼ lbs.
23 C 7232 E............

INTERNATIONAL RECTIFIER SILICON RECTIFIERS

HOW TO ORDER

Specify Dept. No. 49 C 24, followed by Mfr's Type No. and Name. Ex.: 49 C 24 8D4-IR Designates International Rectifier 8D4.

8D SUBMINIATURE SILICON RECTIFIERS

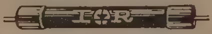
Silicon rectifiers using diffusion and encapsulation techniques to achieve DC output rating of 1000 mA at 25° C. Silver leads for easy soldering. Shpg. wt., 1 oz.

Mfr's Type	Peak Rev. V	Max. Surge, Amps	EACH
8D4	400	50	.59
8D6	600	50	.67

SILICON RECTIFIER KITS

Low priced rectifier kits designed to encourage experimentation
and understanding of silicon rectifiers. Ideal for schools, laborat
commercial applications, experimental and hobby projects. Kits
tain a free 24 page instruction manual crammed with interesting
instructive projects and experiments. Shpg. wt., 3 oz.

DD-175. 100 PRV., ½ amp............ **Pkg. of 4 fo**
DD-176. 200 PRV., ½ amp............. **Pkg. of 2 fo**
DD-177. 400 PRV., ½ amp............. **Pkg. of 2 fo**



COLOR-TV RECTIFIER

Selenium cartridge rectifier used in 1964 color sets. Shpg. wt., 3 oz.

Mfr's Type	PRV (Volts)	Use	EA
61-8969	6500	Focus	2.

G.E. and I.R. Semiconductors

G.E. ELECTRONIC COMPONENTS FOR EXPERIMENTERS AND HOBBYISTS

ery component in General Electric's GE-X Series cludes easy-to-follow instructions from which edutional and practical electronic devices can be conucted. Ideal for students and experimenters.

E-X1. Silicon controlled rectifier is actually a solidite switch for 117 volt, 50-60 Hz AC household circuits. ontrols up to 4.7 amps. Shpg. wt., 3 oz.
E-X1...2.60

E-X2A. "Mighty midget"—the first light-activated power switch. licon controlled rectifier conducts up to ¼ amp up to 25 volts. Fine photoelectric controls, experimental ignition systems, "Slave Photosh" circuits. Shpg. wt., 3 oz.
E-X2A...2.80

E-X3. Silicon controlled rectifier for high current (up to 13 amps) at wer voltage up to 50 PIV. Ideal for battery chargers, electroplating lay replacement, or low-voltage controls. Shpg. wt. 3 oz.
E-X3...4.00

E-X4. Low-cost, high-current conventional silicon rectifier. 20 amps up to 200 PIV. For Hi-Lo lamp dimmers, motor-speed controls, ttery chargers, and (with GE-X1 or GE-X3) full-wave SCR light mmers or DC power supplies. Shpg. wt., 3 oz.
E-X4...1.60

E-X5. High-sensivity, silicon controlled rectifier. Capable of handling to 1.6 amps and 50 volts. Can be activated by momentary 200 µW *less*. Ideal for simple remote controls, temperature controls, alarm stems, other devices. Shpg. wt., 3 oz.
E-X5...2.30

E-X6. End-illuminated, cadmium sulfide photo-conductive cell for aking intriguing electronic devices. Up to 250 volts peak AC-DC in ntrol uses such as relay controls, automatic light flashers, remote lication, and punched card or tape readouts. Shpg. wt., 3 oz.
E-X6...1.40

E-X7 Reed Switch. Can carry loads from 15 volt-amperes down to icro-amperes. External magnetic actuation. Ideal for use in liquid el controls, weight measuring devices, temperature limiters, multiple ays, and many other devices. Shpg. wt., 2 oz.
E-X7...80

HOW TO ORDER

When ordering, specify Dept. No. 49 C 3, followed by Mfr's Type No., and Name. For Example:
49 C 3 GE-X1-GE Designates General Electric Type GE-X1

GE-X8. NPN germanium, medium-speed transistor designed for low level switching and amplification uses. Includes schematics for Light Source, Flasher, and Target. Also used as an oscillator, DC amp. 3 oz.
GE-X8...70

GE-X9. A PNP germanium transistor for medium power amplification and switching. Shpg. wt. 3 oz.
GE-X9...70

GE-X10. Unijunction transistor for oscillators, timing circuits, SCR firing and bi-stable circuits. Shpg. wt., 3 oz.
GE-X10...1.35

GE-X11. Silicon zener diode rated 8.2 V. @ 1 watt. For voltage regulation and transient protection. Wt., 3 oz.
GE-X11...1.80

GE-X12. TRIAC-type transistor for applications requiring control of lamps or appliances from remote locations. With schematic for building remote control for lamp in appliances. Shpg. wt., 3 oz.
GE-X12...4.50

GE-X13. DIAC-type transistor for control from 0-100% of AC loads. Dims lamps, controls AC motors, etc. Shpg. wt., 3 oz.
GE-X13...1.60

GE-X14. Thyrector used in voltage power supplies providing two voltage outputs from a single circuit. Shpg. wt., 3 oz.
GE-X14...1.15

GE-X15. Thermistor for use as fire-warning device, temperature regulator, etc. Detects approx. 115° to 165° F. Shpg. wt., 3 oz.
GE-X15...3.45

GE-X16. Silicon-controlled rectifier for use in battery-operated fluorescent lighting devices in trucks, boats, camp trailers, etc. With useful schematic. Shpg. wt., 3 oz.
GE-X16...3.45

TYPE GE-504A UNIVERSAL TV RECTIFIER

p-hat design universal TV rectifier. Recommended as a replacement all selenium, germanium and silicon rectifiers presently used in lor or black-and-white TV receivers. Offers 60-amp surge rating; 600 lts peak inverse voltage; 1000 mA DC output current. Designed for gh reliability and long-life performance. Shpg. wt., 2 oz.
E-504A...66

"VAC-U-SELL" DOUBLE-DIODES

p-quality miniature double-diodes for use in color or black-and-white horizontal detector circuits, etc. Static balance, less than 0.3 mA fference between cells. I_{fwd}, forward current; I_{mr}, maximum reverse rrent. 7/16x9/16x3/16". Shpg. wt., 4 oz.

ype No.	I_{fwd}	I_{mr}	Description	EA.
6GC1	1.1 mA @ 2.5V	4 µA @ 20V	Common Cathode	.60
6GD1	1.1 mA @ 2.5V	4 µA @ 20V	Series Connected	.60
6GX1	1.1 mA @ 2.5V	4 µA @ 20V	Common Anode	.60

TYPE GE-M100 GERMANIUM MESA TRANSISTOR

gh-reliability germanium mesa transistor recommended for perimental and replacement use for Hams, hobbyists and tizens Banders. Offers top performance, long-life dependable eration. With circuit diagrams for transistorized Citizens nd and remote-control units. Shpg. wt., 3 oz.
E-M100...1.20

ELECTRONICS EXPERIMENTER/HOBBYIST MANUAL

Valuable addition to the electronics library of the student, experimenter or hobbyist. Has important new information on SCR and rectifier circuit applications. Size, 5½x8½". 199 pages. 10 oz.
23 C 7115 E...1.50

UNIVERSAL REPLACEMENT TRANSISTORS

The twenty-six transistors listed below cover the majority of applications that a radio or TV serviceman will encounter. Inventories are therefore minimized. GE-9 is smaller than GE-1 (GE-9, .209" dia.; GE-1, .335" dia.). *Germanium. † Silicon. Av. shpg. wt., 2 oz.

Type No.	Use	Application	EACH
GE-1	PNP*	Mixer/Oscillator Converter; RF and IF Amplifier	1.20
GE-2	PNP*	AF Amplifier	1.02
GE-3	PNP*	AF Power Amplifier	2.34
GE-4	PNP*	AF High Power Amplifier	4 44
GE-5	NPN*	Mixer/Oscillator Converter; RF and AF Amplifier	1.68
GE-6	NPN*	Mixer/Oscillator Converter; RF Amplifier	1.83
GE-7	NPN*	IF Amplifier	1.77
GE-8	NPN*	AF Amplifier	1.29
GE-9	PNP*	Mixer/Oscillator Converter; RF and IF Amplifier	1.26
GE-9A	PNP*	Same as GE-9	1.26
GE-10	NPN†	AF Amplifier-Driver-Output	1.20
GE-11	NPN†	FM and RF Amplifier, FM Converter, UHF Oscillator	1.53
GE-12	NPN†	AF Power Amplifier	2.34
GE-13-MP	PNP*	Matched Pair GE-3	4.68
GE-14	NPN†	AF Power Amplifier	3.51
GE-15-MP	NPN†	Matched Pair GE-14	7.02
GE-16	PNP*	AF High Power Amplifier	3.15
GE-17	NPN†	FM-RF Oscillator	1.42
GE-18	NPN†	Moderate-Current Audio Use	1.46
GE-19	NPN†	High-Current Audio Use	3.06
GE-20	NPN†	RF-IF Amps; Oscillators	1.10
GE-21	PNP†	RF-IF Amps; Oscillators	1.12
GE-22	PNP†	RF-IF Amps (AM, FM); Osc.	1.03
GE-23	NPN†	Class A, B, AF Power Amps	2.52
GE-24-MP	NPN†	Matched Pair GE-23	5.04
GE-FET-1	N-Chan.	Field-Effect Transistor	2.25

INTERNATIONAL RECTIFIER SELENIUM RECTIFIER STACKS

HOW TO ORDER

Specify Dept. No., 49 C 24, followed by Mfr's Type No. and Name.
Ex.: 49 C 24 E-075L-IR Designates International Rectifier E-075L.

COMPACT SELENIUM STACKS

w cost, high density selenium rectifier for original equipment and placement use. Offer long life, stable characteristics, negligible leakage. l are rated 130 volts rms max. input. With mounting bracket, hardare. Av. shpg. wt., 3 oz.

Type No.	Replaces Type	Size	DC Output (mA)	EACH
E-075L	TO65/075	2 1/32x.67x.67"	0-75	.59
E-150L	TO75/150	¾x1x1"	75-150	.74
E-300L	T200/300	1 5/16x1¼x1¼"	150-300	1.10
E-500L	T450/500	1 5/16x1½x1½"	400-500	1.22
E-650L	T550/650	2x2x2"	500-650	2.08

"PLUG IN" ALL-CIRCUIT SILICON RECTIFIERS

Fit clip-type rectifier holders for use in radio-TV, motor control, amplifier, industrial power supply circuits. PIV, 400V. Input rms, 140 V. Shpg. wt., 2 oz.

Type No.	Output, DCmA @ 50° C		Max. Surge Amps	EACH
	Resistive	Capacitive		
1MA4	350	250	2	.79
5MA4	1000	800	50	.92

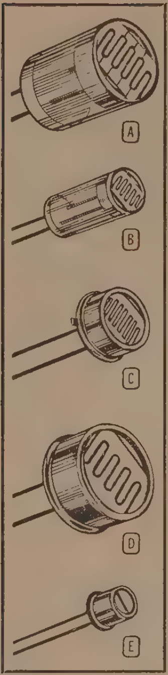
57 C 3006. Holder. Shpg. wt., 2 oz...14

ZENER DIODE KIT

DD-170. This bargain package contains an assortment of 5 popular 1-watt zener diodes and a complete 24-page instruction manual that includes many hobby and experimental projects. Shpg. wt., 3 oz.
DD-170...1.95

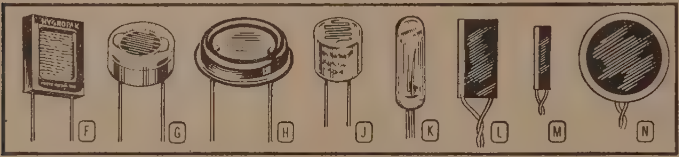
Photocells and Humidity-Sensitive Devices

CLAIREX CdS AND CdSe PHOTOCELLS



*Resistance @ 2 fc ±33⅓%. †Res. ratio from 2 fc to dark within 5 seconds. ‡Power diss. @ 25°C. (mW). §With/wit
heat sink. Av. shpg. wt., 2 oz.

Stock No.	Type No.	Fig.	Description	DxL (In.)	*Resist. @ 2 fc	†Max. Res. Ratio	Max. Volt.	‡Power Dissip.	EA
60 C 9488	CL5M2	D	Type 2 CdS, peak resp. 5150 A., bluest response photosensitive material; high stability, low temp. error. Use with fluorescent and incandescent lamps.	.55x.18	55K	1:100	300	2000/500§	2
60 C 7460	CL602	B		.25x.5	1 meg.	1:100	300	75	1
60 C 7472	CL702	C		.36x.18	1 meg.	1:100	300	125	2
60 C 7486	CL902	E		.21x.15	1 meg.	1:100	250	50	2
60 C 7469	CL503	A	Type 3 CdSe, peak spectral response 7350 angstroms, fast response, and very high light-to-dark resistance ratio. Can be used for high speed switching or counting. Sensitive to near infra red. For use with incandescent or neon lamps.	.5x.5	7.2K	1:10,000	250	500/250§	1
60 C 9489	CL5M3	D		.55x.18	7.2K	1:10,000	300	2000/500§	1
60 C 7461	CL603	B		.25x.5	133K	1:10,000	300	75	1
60 C 7462	CL603A	B		.25x.5	75K	1:10,000	300	75	1
60 C 7463	CL603AL	B		.25x.5	3.5K	1:10,000	170	75	1
60 C 7473	CL703	C		.36x.18	133K	1:10,000	300	125	1
60 C 6437	CL703A	C		.36x.18	67K	1:10,000	300	125	1
60 C 7474	CL703L	C		.36x.18	2.7K	1:10,000	170	125	1
60 C 7488	CL903	E		.21x.15	133K	1:10,000	250	50	1
60 C 6438	CL903A	E		.21x.15	67K	1:10,000	250	50	1
60 C 6439	CL903L	E		.21x.15	5.9K	1:10,000	170	50	1
60 C 7456	CL504	A	Type 4 CdSe, peak spectral response 6900 angstroms, very low resistance photocells. Can be used for "on-off "applications when low resistance is desired. For use with either incandescent or neon lamps.	.5x.5	1.5K	1:1000	250	500/250§	1
60 C 9490	CL5M4	D		.55x.18	1.5K	1:1000	300	2000/500§	1
60 C 7457	CL504L	A		.5x.5	0.25K	1:1000	170	500/250§	1
60 C 6440	CL5M4L	D		.55x.18	0.25K	1:1000	170	2000/500§	1
60 C 7464	CL604	B		.25x.5	30K	1:1000	300	75	1
60 C 7465	CL604L	B		.25x.5	1.5K	1:1000	170	75	1
60 C 6441	CL704	C		.36x.18	30K	1:1000	300	125	1
60 C 7476	CL704L	C		.36x.18	0.6K	1:1000	170	125	1
60 C 7490	CL904	E		.21x.15	30K	1:1000	250	50	1
60 C 6442	CL904L	E		.21x.15	2K	1:1000	100	50	1
60 C 7458	CL505	A	Type 5 CdS, peak spectral response 5500 angstroms (closely matches the human eye), stable, low memory photocell. Can be used in light measuring applications, and precision low speed switching. For use with incandescent, fluorescent or neon lamps.	.5x.5	9K	1:100	250	500/250§	1
60 C 9491	CL5M5	D		.55x.18	9K	1:100	300	2000/500§	1
60 C 7459	CL505L	A		.5x.5	1.5K	1:100	170	500/250§	1
60 C 6443	CL5M5L	D		.55x.18	1.5K	1:100	170	2000/500§	1
60 C 7466	CL605	B		.25x.5	166K	1:100	300	75	1
60 C 7467	CL605L	B		.25x.5	1.5K	1:100	170	75	1
60 C 6444	CL705	C		.36x.18	166K	1:100	300	125	2
60 C 7478	CL705L	C		.36x.18	3.3K	1:100	170	125	1
60 C 6445	CL905	E		.21x.15	166K	1:100	250	50	1
60 C 6446	CL905L	E		.21x.15	10K	1:100	100	50	1
60 C 6447	CL705HL	C	Type 5H CdS, peak response 5500A. Uniform color temp. response. For speed switching, hi-stability measuring; incandescent, fluorescent, neon lamps.	.36x.18	28K	1:1000	170	125	1
60 C 6448	CL905HL	E		.21x.15	100K	1:1000	100	50	1
60 C 6449	CL905HN	E		.21x.15	700K	1:1000	100	50	1
60 C 6450	CL507	A	Type 7 CdS, peak spectral response 6150 angstroms, moderate speed and ratio. Can be used in general beam breaking applications. For use with incandescent, neon or fluorescent lamps.	.5x.5	7.2K	1:1000	250	500/250§	1
60 C 9492	CL5M7	D		.55x.18	7.2K	1:1000	300	2000/500§	1
60 C 7468	CL607	B		.25x.5	133K	1:1000	300	75	1
60 C 6451	CL707	C		.36x.18	133K	1:1000	300	125	1
60 C 6452	CL707L	C		.36x.18	2.7K	1:1000	170	125	1
60 C 6453	CL907	E		.21x.15	133K	1:1000	250	50	1
60 C 6454	CL907N	E		.21x.15	66K	1:1000	100	50	1



F HYGROPAK HUMIDITY SENSORS

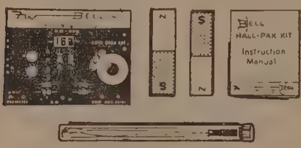
Range: 30% to 100% relative humidity. 1x 1⅛x¼". ¾" pin spacing. Shpg. wt., 4 oz.

Stock No.	Type	Description	EACH
60 C 7746	HA	Under 100K to over 100 megs	5.00
60 C 7747	HA-26	30 ohms to 100 ohms	6.00
60 C 7748	....	Socket for HA or HA-26	.30

GENERAL ELECTRIC CADMIUM-SULFIDE PHOTOCELLS

Hermetically sealed photoconductive cells, end-illuminated. Pass operating life tests of over 1 million cell hours. Peak spectral response 6100 Å, except A33 and A35, which are 5500 Å. Ambient range is −40° to +65°C. Maximum current is 10 mA, except B425, 20 mA and B1035, 50 mA. Glass and metal envelopes with radial leads. Shpg. wt., 2 oz.

Stock No.	Type No.	Fig.	Rated V	Max. P (mW)	EACH
60C7586	A33	J	30	75	1.34
60C7587	A35	J	50	75	1.34
60C8932	B46	J	60	250	1.42
60C7588	B425	J	250	250	1.42
60C7591	B1035M2	H	350	300	1.47



G POLARIS MAJ-1 PHOTOCELL

Type LDR-C1. CdS cell rated 75-300 ohms at 92 footcandles. 10 megs in total darkness. Maximum change, 0.2 meg per sec. Maximum dissipation, 0.2 watt at 40°C. Maximum cell voltage 110 VAC (peak) or DC. Ambient range, −20° to +60°C. Wt., 6 oz.

60 C 7565..............................1.00

SOLAR SYSTEMS SILICON CELLS

Power transistor radios or operate relays and small motors from sunlight. Response, 20 μsec maximum. Peak sensitivity at 0.85 micron. Unmounted. 6" color-coded leads. Av. shpg. wt., 2 oz.

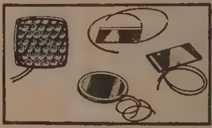
Stock No.	SS Type	Fig.	Output mA	Output mW	Size	EA.
60 C 7566	10-4L	L	18.0	7.2	.8x.4"	1.95
60 C 7567	10-6L	L	27.0	10.8	.8x.4"	2.40
60 C 7568	10-8L	L	36.0	14.4	.8x.4"	3.60
60 C 7569	11 L	L	12.0	4.8	.4x 4"	1.95
60 C 7570	12-L	L	5.0	2.0	.4x.2"	1.50
60 C 7571	20-L	M	12.0	4.8	.8x.2"	3.50
60 C 7572	21-L	M	5.0	2.0	.4x.2"	2.20
60 C 7573	22-L	M	2.5	1.0	.2x.2"	1.40
60 C 7574	23-L	M	1.3	0.52	.2x.1"	1.00
60 C 7575	30-L	N	60.0	24.0	1.125" d.	6.75

F. W. BELL "HALL PAK" EXPERIMENTAL KIT

Explains electromagnetic phenomenon—the development of a voltage potential between two edges of a strip of metal in which electric current is flowing longitudinally. Includes: Hall-effect device; circuit board with balancing network, DC transistor amplifier (voltage gain of 50); magnet for stable DC field; instructions, experiments. 1½ lbs.

60 C 7659 *$5 Monthly*..................21.95

IR PHOTOCELL EXPERIMENTER



Type K
May be
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transistor
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sun-pow
projects,
Contains
ferent sele
silicon and
mium-sulfide photocells similar to those
trated. Kit includes an instruction manual
circuit diagrams and experiments, plus
perimenter Handbook." Shpg. wt., 1 lb.

60 C 7660...............................

RCA CADMIUM-SULFIDE PHOTOC

Max. response 5100Å. Hermetically se
Glass(G) or glass-metal(GM); †Max. vol
or peak AC; ‡Power diss. cont. service; M
fied cases: §TO-5, *TO-8. Shpg. wt., 2 oz

Stock No.	Mfr's Type	Fig.	Dia. (In.)	† V	‡ W	Res. (Ohms) @2fc
60 C 9968	SQ2503	H	1	500	0.75	17
60 C 8846	SQ2508	H	¼ §	200	0.05	60
60 C 9992	SQ2519	H	¼ §	300	0.05	9
60 C 9980	SQ2520	H	½ *	110	0.2	0.7
60 C 9981	SQ2521	H	½ *	250	0.2	8
60 C 9985	SQ2523	H	½	110	0.2	3
60 C 9986	SQ2524	H	½	110	0.2	1.6
60 C 9982	SQ2525	H	½ *	250	0.2	14
60 C 9983	SQ2526	H	½ *	110	0.2	3
60 C 9984	SQ2527	H	½ *	110	0.2	1.6
60 C 6269	SQ2536	...	¼ §	110	0.05	3
60 C 8919	4402	...	¼	300	0.05	9
60 C 7435	4403	H	1	250	0.75	1.8
60 C 7436	4404	H	1	600	0.75	5.5
60 C 8922	4413	H	¼	110	0.05	17
60 C 7439	4425	J	½	110	0.2	0.7
60 C 8936	4448	H	1	600	0.75	8
60 C 6270	4450	H	1	600	0.75	25
60 C 6271	4451	H	1	600	0.75	160
60 C 8927	4453	H	1	600	0.75	4
60 C 7443	7163	H	1	600	0.75	10
60 C 6272	7412	K	¼	200	0.05	60

Allied gives you highest quality, best se
vice, and lowest prices.

Thermistors and Semiconductor Coolers

THERMISTORS By FENWAL ELECTRONICS, INC.

a Wide
Variety
of Styles

or All Job
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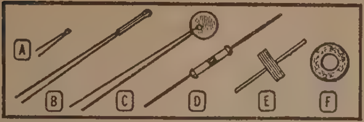


glass-coated bead thermistors where fast response, precision and ration in temperatures up to 600°F are required. Medium-small glass bes are similar, but are more rugged and mount more easily. Discs used for medium power and time response, for temperatures up to °C. Rods and washers are ideal for high dissipation applications; rate in temperatures up to 150°C. Av. shpg. wt., 2 oz.

Stock No.	Mfr's Type	Fig.	Style	Ohms @ 25°C	Res. Ratio 0°C: 50°C	EACH
C 8621	GD25J1	A	Bead	500	5.1:1	3.24
C 8622	GB31J1	A	Bead	1000	7.3:1	2.70
C 9911	GB32J2	A	Bead	2000	7.3:1	1.96
C 8623	GB35J1	A	Bead	5000	7.3:1	3.24
C 8624	GB41J1	A	Bead	10K	7.5:1	3.24
C 8625	GA45J1	A	Bead	50K	10.3:1	2.67
C 9909	GA51J1	A	Bead	100K	10.3:1	1.96
C 7113	GA52J2	A	Bead	200K	10.9:1	2.70
C 8626	GA55J1	A	Bead	500K	11.8:1	3.24
C 7114	GA61J1	A	Bead	1000K	14.0:1	3.78
C 8627	GB31P2	B	Probe	1000	7.3:1	2.00
C 8628	GB32P2	B	Probe	2000	7.3:1	2.00
C 9912	GB32P8	B	Probe	2000	7.3:1	2.35
C 8629	GB34P2	B	Probe	4000	7.3:1	2.00
C 8630	GB41P2	B	Probe	10K	7.5:1	2.40
C 8631	GB42P2	B	Probe	20K	7.5:1	2.40
C 7116	GA45P2	B	Probe	50K	10.3:1	2.20
C 9910	GA51P2	B	Probe	100K	10.3:1	2.00
C 9967	GA51P8	B	Probe	100K	10.3:1	2.35
C 8632	GA52P2	B	Probe	200K	10.9:1	2.00
C 8633	GA55P2	B	Probe	500K	11.8:1	2.40
C 8634	GA61P2	B	Probe	1.0 Meg	14.0:1	2.80
C 8635	JB25J1	C	Disc	500	6.9:1	1.00
C 8636	JB31J1	C	Disc	1000	6.9:1	1.00
C 8637	JA33J1	C	Disc	3000	9.1:1	1.00
C 9975	JA35J1	C	Disc	5000	9.1:1	1.00
C 7118	JA38J1	C	Disc	8000	9.1:1	1.00
C 8638	JA41J1	C	Disc	10K	9.1:1	1.00
C 8639	KB21J1	C	Disc	100	6.9:1	.85
C 8640	KB22J1	C	Disc	200	6.9:1	.85
C 8641	KB23J1	C	Disc	300	6.9:1	.85
60 C 8642	KB25J1	C	Disc	500	6.9:1	.85
60 C 9914	KA31L1	E	Disc	1000	9.1:1	.85
60 C 7119	KA33J1	C	Disc	3000	9.1:1	.85
60 C 8643	KA35J3	C	Disc	5000	9.1:1	.85
60 C 8644	LB12J2	C	Disc	18.6	6.9:1	.97
60 C 7120	LB15J1	C	Disc	50	6.9:1	.85
60 C 9915	LB21J1	C	Disc	100	6.9:1	.85
60 C 8645	LB22L1	E	Disc	200	6.9:1	.85
60 C 8646	LA25L2	E	Disc	500	9.1:1	.85
60 C 8647	LA31J1	C	Disc	1000	9.1:1	.85
60 C 8648	MB13J1	C	Disc	25	6.9:1	.85
60 C 8649	MA21J1	C	Disc	100	9.1:1	.85
60 C 8650	NB11J1	C	Disc	10	6.9:1	.85
60 C 8651	NA21J1	C	Disc	100	9.1:1	.85
60 C 8652	NA22J1	C	Disc	250	9.1:1	.85
60 C 8653	QB41J1	D	Rod	10K	7.1:1	1.25
60 C 9916	QA51J1	D	Rod	100K	9.1:1	1.25
60 C 9917	RB33L1	D	Rod	3150	7.1:1	1.20
60 C 9918	RB41L1	D	Rod	10K	9.1:1	1.20
60 C 9878	RA43L1	D	Rod	31.5K	9.1:1	1.20
60 C 8654	RA51L1	D	Rod	100K	9.1:1	1.35
60 C 8655	TB31L1	D	Rod	1K	7.1:1	1.35
60 C 8656	TA45L1	D	Rod	50K	9.1:1	1.60
60 C 9925	WB11W1	F	Washer	10	6.9:1	1.25
60 C 9919	WA21W1	F	Washer	100	9.1:1	1.25
60 C 8686	WA23W1	F	Washer	315	9.1:1	1.25

G300A THERMISTOR DATA COMPUTER

Includes handy resistance-temperature computer card and thermistor manual that gives specifications of all thermistors. Shpg. wt., 4 oz.
60 C 9877B..1.00

EXPERIMENTER'S THERMISTOR KITS

See cut at upper left for illustrations of kit items. Beads are Fig. A; probes, Fig. B; discs, Figs. C and E; rods, Fig. D; washers, Fig. F.

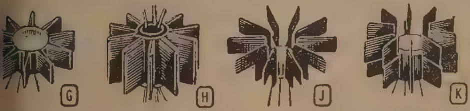
Model G-200. Contains 12 different thermistors (2 glass probes, 3 beads, 2 discs, 3 rods, 2 washers). Each thermistor is packed with specification sheets showing complete operating characteristics—resistance-temperature curves, etc. Shpg. wt., 1½ lbs.
60 C 9926 *$5 Monthly*..19.95

60 C 8658. G-700 Economy Kit. Includes 4 glass beads and probes for a variety of basic applications. Complete with manual and thermistor data-and-curve computer. Shpg. wt., 6 oz.... ....4.95

60 C 8659. G-701 Economy Kit. Includes 10 glass beads and probes in a wider range of resistance values. With manual and thermistor data-and-curve computer. Shpg. wt., 8 oz.......................9.95

WAKEFIELD ENGINEERING SEMICONDUCTOR COOLERS

SERIES 200 FEATHERWEIGHT COOLERS



ique fin design permits horizontal *or* vertical orientation with excellent tural convection. In forced convection uses, the axis or the semiductor may be oriented either perpendicular or parallel to the direcn of air flow. Series 200 coolers are made from a beryllium copper having twice the thermal conductivity of commonly used alloys. ack finish. **Meets MIL-C-81021.** Shpg. wt., 2 oz.

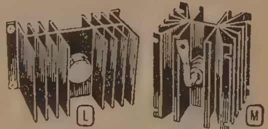
Stock No.	Mfr's Type	Fig.	Dia. In.	Lght. In.	Fits Case Dia.	EACH
0 C 6527	NF201	G	.64	.19	.161/.24	.27
0 C 6528	NF203	K	.64	.38	.161/.24	.29
0 C 9525	NF204	G	.55	.20	.275/.335	.25
0 C 6529	NF205	G	.72	.19	.275/.370	.27
0 C 6530	NF207	K	.72	.38	.275/.370	.29
0 C 6531	NF209	J	1.28	.44	.275/.370	.34
0 C 7074	NF211	G	.83	.19	.440/.544	.27
0 C 7073	NF213	K	.83	.38	.440/.544	.29
0 C 7075	NF215	J	1.40	.44	.440/.544	.34
0 C 7042	NF222	H	.64	.38	.161/.240	.38
0 C 7043	NF224	H	.72	.44	.275/.371	.38

INSTALLATION TOOLS FOR MODELS ABOVE

C 6532	160 Installation tool for Models 201, 3, 5, 7, 9........1.50
C 8921	161 Installation tool for Models 211, 13, 15..........1.50

SERIES 400 NATURAL CONVECTION COOLERS

Ideal for use where space is critical. Features an optimum fin design for reliability in a wide range of semiconductor applications. Mounting area: Types 401-403, 6.3 sq. in.; Type 441, 7.13 sq. in. Black anodize finish per **MIL-A-8625** Type II specifications. Av. shpg. wt., 4 oz.



Stock No.	Mfr's Type	Fig.	Inches H	Inches W	Inches D	EACH
60 C 6501	NC401A	L	1.50	4.81	1.25	1.55
60 C 6502	NC401B	L	1.50	4.81	1.25	1.55
60 C 7094	NC401E	L	1.50	4.81	1.25	1.78
60 C 6503	NC401K	L	1.50	4.81	1.25	1.29
60 C 6504	NC403A	L	3.00	4.81	1.25	1.78
60 C 6505	NC403B	L	3.00	4.81	1.25	1.78
60 C 7096	NC403C	L	3.00	4.81	1.25	1.78
60 C 6506	NC403K	L	3.00	4.81	1.25	1.52
60 C 9526	NC413A	L	3.00	4.81	1.87	2.41
60 C 9527	NC413B	L	3.00	4.81	1.87	2.41
60 C 9528	NC413K	L	3.00	4.81	1.87	2.15
60 C 6507	NC421A	L	3.00	4.81	2.63	2.51
60 C 6508	NC421B	L	3.00	4.81	2.63	2.51
60 C 7098	NC421C	L	3.00	4.81	2.63	2.51
60 C 6509	NC421K	L	3.00	4.81	2.63	2.24
60 C 6510	NC423A	L	5.50	4.81	2.63	3.66
60 C 6511	NC423B	L	5.50	4.81	2.63	3.66
60 C 6512	NC423K	L	5.50	4.81	2.63	3.40
60 C 7106	NC441J	M	5.50	4.75	4.50	6.41
60 C 7107	NC441W	M	5.50	4.75	4.50	6.41
60 C 6533	NC441K	M	5.50	4.75	4.50	5.92

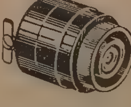
MALLORY SONALERT AUDIBLE WARNING DEVICE

- Offer Many Advantages Over Mechanical Warning Devices
- Low Current
- No RF or Arcing
- High Reliability

SPECIFICATIONS

Type	Freq.	Volts	mA	dB	Temp. F°
SC628	2.5 kHz	6-28DC	3-14	68-80	−40-130
SC628P*	2.5 kHz	6-28DC	3-14	65-77	−40-130
SC628H	4.5 kHz	6-28DC	3-14	68-80	−40-130
SC628A	2.5 kHz	6-28AC/DC	3-14	68-80	−40-130
SC110	2.5 kHz	110AC/DC	14	80	−40-130

Solid state miniature audible-signal warning device emits a discernible signal at minimum current. Eliminates possibility of arcing or RF as in other types of devices. For communications control systems; appliances; automotive functions; other electronic equipment. *Pulsing sound output. Av. shpg. wt., 8 oz.



Stock No.	Mfr's Type	EACH
60 C 8983	SC628	5.50
60 C 9745	SC628P*	9.95
60 C 8984	SC628H	6.35
60 C 8985	SC628A	8.75
60 C 8986	SC110	8.75

Rotron Cooling Fans

COMPACT SPRITE® FAN—33-CFM

- Very Small, Only 3⅛″ Square x 1⅝″ Deep
- Fits 3½″ Panel Height in Relay Racks
- Ambient Temp. Range, —20° to +140° F

Perfect for any application requiring 33-cfm (free delivery). Unusually small size makes it ideal where space is at a premium. Fits 3½″ panel height in relay racks. Applications include: power supplies, transmitters and receivers, digital voltmeters, office copying machines, paper-tape equipment, counters, printers, etc. Easily mounted with holes in fan-barrel flanges. Quiet—only 35 dB noise level. Venturi, spiders, and motor mounting are combined in a single aluminum die casting. Has 9-blade molded propeller made of high-impact polycarbonate. Airflow is easily reversed by turning fan end-for-end. Life up to 5 years. Order accessories below. For 115 volts, 50-60 Hz AC. Shpg. wt., 14 oz.

60 C 6764..Each 13.20
60 C 6765. Finger Guard for Above. Wt. 8 oz............Each .60
60 C 6766. Plug and Cord for Above. Wt., 5 oz...........Each .90
60 C 8618. Oiler Kit for Above. Wt., 6 oz..............Each 3.00
60 C 8617. Lubricant for Above. Wt., 3 oz..............Each 1.75

LOW-COST SKIPPER® FAN—100-CFM

Provides really economical cooling. Ideal for computers, vending machines, and general electronic equipment. Delivers 100 cfm (free delivery) at ambient temperatures up to 140° F. Only 5³⁄₁₆″ diameter by 1¹³⁄₁₆″ deep. Bearing heat sink helps keep motor cool. Quiet—only 38 dB noise level. Airflow reversible. No mounting holes required—mounts with just a retaining ring. Rugged polypropylene venturi; aluminum motor and spiders. Life in excess of 5 years. For 115 volts, 60 Hz AC. Shpg. wt., 15 oz.

60 C 9766. SKP-4 Skeleton Fan, Less Venturi..............Each 7.80
60 C 8715. SKR-4 Venturi Fan with Frame................Each 8.30

LONG-LIFE GOLD SEAL MUFFIN® FAN—100-CFM

- Extremely Thin, 4¹¹⁄₁₆″ Square x 1½″ Dee
- Quiet, Highly Efficient Air Mover
- Advanced Bearing System Gives Longer L

Cools, directs heat, or ventilates at mo
cost. Excellent for computers, office m
ery, electronic equipment, and other a
tions. Noise level reduced to only 40
free air delivery for quiet operation. A
is reversible by turning fan end-for-end
bient temperature range: 0° to 160° F. L
pectancy 5 years at 70° F. Motor-bearing heat sink keeps
cool. Encapsulated motor stator resists moisture and hu
Filter Fan has 14x18 mesh aluminum air filter. With 2 mtg.
For 115 volts, 50-60 Hz AC. U.L. Listed. Shpg. wt., 1 lb.

60 C 8599. Skeleton Fan..............................Each
60 C 8597. Venturi Fan with Frame. 15 oz..................Each
60 C 8596. Grille Fan with Frame, Grille. 1¼ lbs..........Each
60 C 8598. Filter Fan with Frame, Grille, Filter. 1¼ lbs....Each

SUPER-QUIET WHISPER® FAN—65-CFM

Silent operation makes the Whisper F
ultimate when noise must be minimized
18 dB noise level makes it ideal for office
hi-fi consoles, Ham gear, sound system
other noise-sensitive devices. Reversib
flow. Compact—only 4¹¹⁄₁₆″ square by
deep. High-impact, flame retardent, blac
nolic frame. Encapsulated bus-bar lead
solder terminals provide maximum resi
to humidity. Advanced bearing syster
relative slow speed (1800 rpm nominal)
long life. Draws only 7 watts. Includes 2 spring-steel mou
clips. U.L. Listed. For 115 volts, 50-60 Hz AC. Shpg. wt.

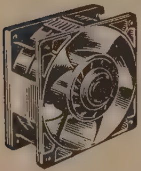
60 C 9400. Skeleton Fan..............................Each
60 C 8611. Venturi Fan with Frame. 1 lb..................Each
60 C 8610. Grille Fan with Frame, Grille. 1¼ lbs..........Each
60 C 8612. Filter Fan with Frame, Grille, Filter. 1¼ lbs....Each
16 C 2031. Delwyn "Whisper" Fan Kit, Cord, Plug. 2 oz....Each

ACCESSORIES FOR MUFFIN AND WHISPER FANS

60 C 8613. Type 15449 Filter Fan Conversion Kit. Includes filter, frame and clips. Shpg. wt., ¼ lb..........................Each 2.75
60 C 8614. Type 16238 Standard Spiral Grille. 3 oz........Each .80
60 C 9401. Type 17826 Expanded Metal Grille. 3 oz.........Each .80
60 C 8615. Type 13996 Mounting Clips. 2 oz...........Per Pair .20
60 C 9268. Type 20132-2 Finger Guard. 2 oz..............Each .50
60 C 8616. Type 16415 Plug and Cord Assembly. 2 oz.....Eac
60 C 8619. Type 15448 Filter Cart. for Muffin Fan. 2 oz.....Eac
60 C 7071. Type 18440 Filtercoat for Above Cart. 3 oz..Per Ca
60 C 7072. Type 13967 Filter Frame. 2 oz..................Eac
60 C 8618. Type 19263 Oiler Kit. 6 oz....................Eac
60 C 8617. Type 19263-4 Lubricant for Oiler Kit. 3 oz......Eac

TARZAN® FAN—350-CFM

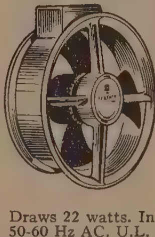
- Designed for Solid-State Components
- Provides Reversible Air Flow



Unique axial fan designed for cooling tightly-packed electronic cabinets. Radical departure in fan design provides centrifugal-blower performance in an axial-flow fan. Ideal for solid-state components, densely-packed relay-rack communications equipment, compact air-to-liquid heat exchangers, and other uses. Airflow is reversible. Ambient temperatures to 131° F. Life to 3 years at 120° F. Phenolic venturi; diecast aluminum spiders; polycarbonate 5-blade propeller; double-shielded motor bearings, lubricated for life. Ventilated impeller hub insures positive cooling of motor. Mounts easily with holes in venturi. Only 6²⁹⁄₃₂″ square by 4¹¹⁄₃₂″ deep. For 115 volts, 50-60 Hz AC. Shpg. wt., 5 lbs.

60 C 8717. Type TN3B2 Tarzan Fan with Solder Terminals Each 42.45
60 C 8718. Type TN3D2 Tarzan Fan with 11″ Leads......Each 41.80
60 C 8719. Type 21196-Z Guard. Protects fan blades. Use for either inlet or outlet. 4 oz..................................Each 1.50
60 C 6874. Type 20990 Filter Box. 1 lb....................Each 9.35
60 C 8800. Type 17555 Plug and Cord Set. For Model TN3B2T Tarzan Fan, with terminal connections. 2 oz...............Each .60
60 C 7071. Type 18440. Filtercoat. 3 oz...............Per Can 1.00

LIGHT FEATHER® FAN—270-C



- Stainless Steel Bearings
- Draws Only 22 Watts

TYPE 103. Moves large volume of air i
ited spaces requiring a shallow fan.
lent for computer consoles, relay
power supplies, heat exchangers, and
devices. Ambient temperature range:
to +65° C. Prelubricated miniature
less-steel ball bearings. Full 270 cfm
delivery). Clamping rim mounting pr
reversible airflow. Tinned brass tern
High-impact, fungus-proof, two-tone
Lexan plastic. Only 7″ dia. by 2⁷⁄₁₆″
Draws 22 watts. Interchangeable with Saucer Fan. For 115
50-60 Hz AC. U.L. Listed. Shpg. wt., 2 lbs.

60 C 8593. Type 103 Feather Fan........................Each
60 C 7246. Type 124110 Filter Box. 1 lb...................Each
60 C 8591. Type 14559 Rim-Mount Guard. For rim-mounting
103 fan. Provides reversible air flow. 4 oz..............Each
60 C 8592. Type 14651 Panel-Mount Guard. For panel mou
Type 103 Fan. (Use with Clips below.) 4 oz...........Each
60 C 7247. Type 16410 Mounting Clamps. Uses 3. 2 oz....Each
60 C 7070. Type 14611 Panel-Mount Clip. Uses 3 with each
mount guard above. 1 oz...........................Each
60 C 9393. Type 16398 Plug and Cord. 2 oz.............Each
60 C 7071. Type 18440 Filtercoat. 3 oz...............Per Ca

LIGHTWEIGHT SENTINEL® FAN—100-CFM

- Very Thin, 4¹¹⁄₁₆″ Square x 1½″ Deep
- Prelubricated Bearings, No Maintenance
- Ambient Temperature Range to 100° C

Lightweight fan with heavyweight stamina and power. For those ultra-rugged applications where heat and the avoidance of lubrication are major factors. Weighs only 1 pound and measures only 4¹¹⁄₁₆″ square by 1½″ deep, yet delivers 100 cfm at ambient temperatures to 100° C. Provides real powerhouse performance and an exceptionally long, trouble-free life. Meets MIL-E-4970A. Engineered with every possible feature that allow
operation at high ambient temperatures. Aluminum heat sink
motor cool. Venturi is of high-impact, glass-filled phenolic.
is completely encapsulated. Lifetime-lubricated stainless-ste
bearings. Skeleton, Venturi, Grille, and Filter Fans listed
For 115 volts, 50-60 Hz AC. U.L. Listed. Shpg. wt., 1 lb.

60 C 8804. Skeleton Fan. For use where only fan and motor
quired. Includes fan, motor..........................Each
60 C 8803. Venturi Fan. For use where fan is to be mounted
filled phenolic venturi..............................Each
60 C 8802. Grille Fan. With venturi and grille..........Each
60 C 8801. Filter Fan. With venturi, grille, filter........Each

IRC Carbon and Wirewound Insulated Resistors

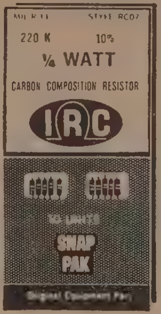
ARBON COMPOSITION AND WIREWOUND RESISTORS

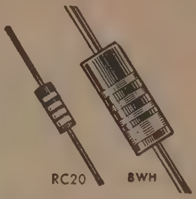
pe RC Fixed Composition Resistors. Choose from 10% (see Table A) or 5% able B) tolerances. Engineered to meet or exceed MIL-R-11 specifications. Withnd 50 to 100% overloads for short periods of time. EIA (RETMA) code for sy identification. Have well-anchored, positive-contact leads with no hot spots. es: RC-¼, ¼x3/32″; RC-½, 55/64x9/64″; RC-1, 9/16x7/32″; RC-2, 11/16x5/16″. Shpg. wt. - 100: ¼W, 4 oz.; ½W, 6 oz.; 1W, 10 oz.; 2W, 14 oz.

pe BWH-2-Watt Fixed Wirewound. Available in values up to 1800 Ohms. Choose m 10% (Table A) or 5% (Table B) tolerances. Rated at 2-watts up to 158°F bient temperature; 1-watt at 239°F; and ½-watt at 279°F. Manufactured to et MIL-R-11D specifications. EIA (RETMA) coded for easy identification; le first band. Inductance .04-4.5 μH from .24-1800 ohms respectively. Same size 1-watt composition resistors listed above. Shpg. wt. per 100, 10 oz.

EXPLANATION OF MIL NUMBERS

l Numbers. Example: RC07GF-153K. **RC** designates composition type resistor. , ¼-watt rating. **GF**, characteristic—ambient temperature. (G) and resistance nperature (F) in reference to MIL-R-11D specification, 153, indicates nominal istance in ohms—first 2 digits are significant figures, 3rd digit is number of os to add. Tolerance—J, ±5%; K, ±10%; M, ±20%.





HANDY NEW "SNAP PAK"

Resistors can be tested while *in package.* Added protection, faster identification, 10 resistors per pkg. in ¼ and ½-watt sizes, 5 per pkg. in larger sizes.

10% INSULATED RC AND BWH TYPES

TYPE RC 10% FIXED COMPOSITION—SPECIFY VALUES WANTED

Stock No.	Mfr's Type	MIL Equivalent	Watts	Values See Table "A"	EACH	May Be Assorted (Order Each Value in Multiples of 10) EACH				
					1-9	10-99	100-499	500-999	1000-2499	2500-4999
45 C 7150 C	RC-¼	RC07GF	¼	2.7Ω to 1 meg	.09	.05	.04	.035	.029	.024
45 C 5000 C	RC-½	RC20GF	½	2.7Ω to 22 meg	.09	.04	.03	.028	.026	.022
45 C 5020 C	RC-1	RC32GF	1	10Ω to 22 meg	.18	.06	.05	.042	.04	.035
45 C 5070 C	RC-2	RC42GF	2	10Ω to 22 meg	.18	.09	.08	.077	.074	.065

TYPE BWH 10% 2-WATT FIXED WIREWOUND—SPECIFY VALUES WANTED—TO 1500 OHMS ONLY

Stock No.	Mfr's Type	MIL Equivalent	Watts	Values See Table "A"	EACH	May Be Assorted (Order Each Value in Multiples of 5) EACH				
					1-4	5-99	100-499	500-999	1000-2499	2500-4999
45 C 5076 C	BWH	....	2	.10Ω to 8.2Ω	.18	.10	.07	.064	.058	.057
45 C 5077 C	BWH	....	2	10Ω to 1500Ω	.18	.10	.07	.064	.058	.057

TABLE "A"—10% EIA (RETMA) VALUES—SPECIFY RESISTANCE WANTED

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Megs	Megs	Megs
0.10	0.33	1.0	3.3	10	33	100	330	1000	3300	10K	33K	100K	330K	1.0	3.3	10
0.12	0.39	1.2	3.9	12	39	120	390	1200	3900	12K	39K	120K	390K	1.2	3.9	12
0.15	0.47	1.5	4.7	15	47	150	470	1500	4700	15K	47K	150K	470K	1.5	4.7	15
0.18	0.56	1.8	5.6	18	56	180	560	1800	5600	18K	56K	180K	560K	1.8	5.6	18
0.22	0.68	2.2	6.8	22	68	220	680	2200	6800	22K	68K	220K	680K	2.2	6.8	22
0.27	0.82	2.7	8.2	27	82	270	820	2700	8200	27K	82K	270K	820K	2.7	8.2	......

5% INSULATED RC AND BWH TYPES

TYPE RC 5% FIXED COMPOSITION—SPECIFY VALUES WANTED

Stock No.	Mfr's Type	MIL Equivalent	Watts	Values See Table "B"	EACH	May Be Assorted (Order Each Value in Multiples of 10) EACH				
					1-9	10-99	100-499	500-999	1000-2499	2500-4999
45 C 7155 C	RC-¼	RC07GF	¼	2.7Ω to 1 meg	.15	.09	.063	.06	.055	.046
45 C 5005 C	RC-½	RC20GF	½	2.7Ω to 22 meg	.15	.08	.06	.055	.05	.045
45 C 5025 C	RC-1	RC32GF	1	10Ω to 22 meg	.30	.12	.09	.08	.075	.068
45 C 5045 C	RC-2	RC42GF	2	10Ω to 22 meg	.30	.19	.15	.14	.135	.122

TYPE BWH 5% 2-WATT FIXED WIREWOUND—SPECIFY VALUES WANTED—TO 1800 OHMS ONLY

Stock No.	Mfr's Type	MIL Equivalent	Watts	Values See Table "B"	EACH	May Be Assorted (Order Each Value in Multiples of 5) EACH				
					1-4	5-99	100-499	500-999	1000-2499	2500-4999
45 C 5078 C	BWH	....	2	.10Ω to 9.1Ω	.30	.19	.14	.129	.12	.115
45 C 5079 C	BWH	....	2	10Ω to 1500Ω	.30	.19	.14	.129	.12	.115
45 C 5024 C	BWH	....	2	1600Ω to 1800Ω	.30	.19	.14	.129	.12	.115

TABLE "B"—5% EIA (RETMA) VALUES—SPECIFY RESISTANCE WANTED

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Megs	Megs	Megs
0.10	0.39	1.5	5.6	22	82	330	1200	4700	18K	68K	270K	1.0	3.9	15
0.11	0.43	1.6	6.2	24	91	360	1300	5100	20K	75K	300K	1.1	4.3	16
0.12	0.47	1.8	6.8	27	100	390	1500	5600	22K	82K	330K	1.2	4.7	18
0.13	0.51	2.0	7.5	30	110	430	1600	6200	24K	91K	360K	1.3	5.1	20
0.15	0.56	2.2	8.2	33	120	470	1800	6800	27K	100K	390K	1.5	5.6	22
0.16	0.62	2.4	9.1	36	130	510	2000	7500	30K	110K	430K	1.6	6.2	......
0.18	0.68	2.7	10	39	150	560	2200	8200	33K	120K	470K	1.8	6.8	......
0.20	0.75	3.0	11	43	160	620	2400	9100	36K	130K	501K	2.0	7.5	......
0.22	0.82	3.3	12	47	180	680	2700	10K	39K	150K	560K	2.2	8.2	......
0.24	0.91	3.6	13	51	200	750	3000	11K	43K	160K	620K	2.4	9.1	......
0.27	1.0	3.9	15	56	222	820	3300	12K	47K	180K	680K	2.7	10	......
0.30	1.1	4.3	16	62	240	910	3600	13K	51K	200K	750K	3.0	11	......
0.33	1.2	4.7	18	68	270	1000	3900	15K	56K	220K	820K	3.3	12	......
0.36	1.3	5.1	20	75	300	1100	4300	16K	62K	240K	910K	3.6	13	......

IRC Precision 1% Metal-Film Resistors

CEA AND CCA T-O EVAPORATED METAL-FILM RESISTORS

- Moistureproof Construction
- Temperature Range, —55° to+165°C
- Extremely Low Noise Level
- Rated ⅛ or ¼ Watt at 125°C

Types CEA T-O, CCA T-O. Precision ±1% evaporated metal-film resistors with M-coat—a special moistureproofing encapsulation identified by its gray color. All have temperature coefficient characteristics of 0 ±100 PPM/°C over a temperature span of —55° to +165°C. Very low noise level: 3 sigma of the noise level is below 0.1 microvolt/volt over the audible spectrum.

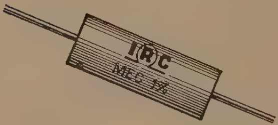
Voltage coefficient when measured between 1/10 and full
voltage is less than 5 PPM/volt for all values. Power ratin
based on 125°C ambient. Type CEA T-O is rated ⅛ watt;
CCA T-O, ¼ watt. Maximum continuous voltage, 250 volts.
are 1½″ ±⅛″ long, alloy coated; may be dip-soldered. Resis
tolerance and TC code stamped on each unit. Available in
sistance values listed in table at bottom of page, up to 1
Specify values desired. Shpg. wt. per 100, 10 oz.

Stock No.	Mfr's Type	MIL Type	Watts	Max. Cont. Volts	Values—See Table "A" Below	EACH ASSORTED		EACH ASSORTE MIN. OF 25 PER V		
						1-24	25-Up	100-249	250-999	100
45 C 5014 C	CEA T-O	RN55D	⅛	250	10 ohms to 97.6 ohms	1.10	.51	.26	.18	.
45 C 5016 C	CEA T-O	RN55D	⅛	250	100 ohms to 499K	.94	.44	.21	.14	.

Stock No.	Mfr's Type	MIL Type	Watts	Max. Cont. Volts	Values—See Table "A" Below	EACH ASSORTED		EACH ASSORTE MIN. OF 25 PER V		
						1-24	25-99	100-249	250-999	100
45 C 5021 C	CCA T-O	RN60D	¼	250	10 ohms to 97.6 ohms	1.10	.51	.26	.18	.
45 C 5022 C	CCA T-O	RN60D	¼	250	100 ohms to 1 meg	.94	.44	.21	.14	.

T-O AND T-2 MOLDED METAL-FILM RESISTORS—MEET MIL-R-10509

MMC, 30.1 Ohms to 100K—MEB, 51.1 Ohms to 1 Meg—MEC, 51.1 Ohms to 1.5 Megs



- Rated ½ or 1 Watt
- Excellent Stability and Noise Characteristics

Precision-made, 1% tolerance, molded metal-film resistors. Feature stability and thermal noise characteristics comparable to precision wirewound resistors; have lower noise and better temperature coefficient than deposited carbon or oxide film types. High temperature plastic case ensures sufficient moisture resistance. Voltage coefficient is less than 5 PPM/volt. Temperature coefficient charac-

teristic of 0 ±100 PPM/°C over a temperature range of —5
+165° C (Type T-2 has temperature coefficient of 0 ±50 P
C). Type T-O meets MIL-R-10509F specifications; Type T-2
MIL-R-10509D. *Wattage for MIL Characteristic B @ 70°C am
†Wattage for Characteristic D (+0.02, —0.05 maximum ter
ture coefficient %/°C) at 70°C ambient. Meets Characteristi
125°C ambient temperature. Available only in values list
boldface in Table "A" below; 30.1, 31.6, etc. up to 1.50
Specify values desired. Minimum 25 per value, for assorted
Av. shpg. wt. per 100, 7 oz.

Stock No.	Mfr's Type	MIL Type	Watts		Max. Cont. Volts	Stock Values—See Table "A" Below	EACH ASSORTED		EACH ASSORTE Minimum 25 Per V		
			B*	D†			1-24	25-Up	100-249	250-999	100
45 C 5015 C	MMC-T-O	RN50D	⅛	½	200	30.1 ohms to 100K	1.65	.99	.61	.47	.
45 C 5006 C	MEB-T-O	RN65D	¼	½	350	51.1 ohms to 82.5 ohms	1.10	.51	.26	.18	.
45 C 5007 C	MEB-T-O	RN65D	¼	½	350	100 ohms to 1 meg	.94	.44	.21	.14	.
45 C 7151 C	MEB-T-2	RN65C	¼	½	....	51.1 ohms to 1 meg	1.30	.60	.28	.17	.
45 C 5009 C	MEC-T-O	RN70D	½	1	500	51.1 ohms to 82.5 ohms	1.10	.51	.26	.18	.
45 C 5011 C	MEC-T-O	RN70D	½	1	500	100 ohms to 1.5 megs	.94	.44	.21	.14	.
45 C 7153 C	MEC-T-2	RN70C	½	1	....	51.1 ohms to 1.5 megs	1.30	.60	.28	.17	.

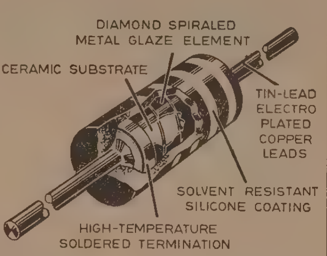
TABLE "A"—MIL-OHM RESISTANCE VALUES AVAILABLE FROM STOCK

Types CEA and CCA T-O available in all values, to 1 meg. Types MMC, MEB and MEC available only in values listed in boldfac

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohm
10.0	22.1	48.7	107	237	523	**1150**	2550	**5620**	12.4K	**27.4K**	**60.4K**	133K	**294K**	649
10.2	22.6	**49.9**	110	241	536	1180	**2610**	**5760**	12.7K	28K	**61.9K**	137K	**301K**	665
10.5	23.2	**51.1**	**113**	**249**	549	**1210**	**2670**	**5900**	**13K**	28.7K	63.4K	140K	309K	681
10.7	23.7	52.3	115	255	**562**	**1240**	**2740**	**6040**	**13.3K**	29.4K	64.9K	143K	316K	698
11.0	24.3	53.6	118	**261**	**576**	**1270**	**2800**	**6190**	13.7K	**30.1K**	**66.5K**	147K	**324K**	715
11.3	24.9	54.9	**121**	267	**590**	**1300**	**2870**	**6340**	**14K**	30.9K	**68.1K**	**150K**	**332K**	732
11.5	25.5	**56.2**	124	**274**	**604**	**1330**	2940	**6490**	**14.3K**	**31.6K**	**69.8K**	154K	**340K**	750
11.8	26.1	57.6	127	**280**	**619**	1370	**3010**	6650	**14.7K**	32.4K	71.5K	158K	348K	768
12.1	26.7	59.0	**130**	287	**634**	**1400**	**3090**	**6810**	**15K**	**33.2K**	73.2K	162K	357K	787
12.4	27.4	60.4	**133**	294	**649**	**1430**	**3160**	6980	15.4K	**34K**	**75K**	165K	**365K**	806
12.7	28.0	61.9	**137**	**301**	665	**1470**	3240	**7150**	15.8K	34.8K	76.8K	169K	374K	**825**
13.0	28.7	63.4	140	309	**681**	**1500**	**3320**	**7320**	**16.2K**	35.7K	78.7K	174K	383K	845
13.3	29.4	64.9	**143**	**316**	698	1540	3400	**7500**	16.5K	36.5K	**80.6K**	**178K**	**392K**	866
13.7	**30.1**	66.5	**147**	324	**715**	**1580**	3480	**7680**	**16.9K**	37.4K	**82.5K**	**182K**	**402K**	887
14.0	30.9	**68.1**	150	**332**	732	**1620**	**3570**	**7870**	17.4K	**38.3K**	84.5K	187K	412K	**909**
14.3	**31.6**	69.8	154	340	**750**	**1650**	**3650**	**8060**	**17.8K**	**39.2K**	86.6K	191K	422K	931
14.7	32.4	71.5	158	**348**	768	**1690**	**3740**	**8250**	**18.2K**	**40.2K**	88.7K	**196K**	432K	953
15.0	**33.2**	73.2	**162**	357	787	**1740**	3830	**8450**	18.7K	41.2K	**90.9K**	**200K**	442K	976
15.4	**34.0**	75.0	165	365	**806**	**1780**	**3920**	**8660**	19.1K	**42.2K**	93.1K	205K	453K	**Meg**
15.8	**34.8**	76.8	169	374	**825**	**1820**	**4020**	**8870**	**19.6K**	**43.2K**	95.3K	210K	**464K**	**1.00**
16.2	35.7	78.7	174	**383**	845	1870	4120	**9090**	**20K**	44.2K	97.6K	**215K**	**475K**	**1.05**
16.5	36.5	80.6	**178**	**392**	866	**1910**	**4220**	9310	20.5K	45.3K	**100K**	**221K**	**487K**	**1.10**
16.9	37.4	**82.5**	**182**	**402**	887	**1960**	**4320**	**9530**	21K	46.4K	102K	226K	**499K**	**1.21**
17.4	38.2	84.5	187	**412**	**909**	**2000**	**4420**	**9760**	**21.5K**	**47.5K**	105K	232K	**511K**	**1.50**
17.8	39.2	86.6	191	**422**	931	**2050**	4530	**10K**	**22.1K**	**48.7K**	107K	237K	523K	....
18.2	**40.2**	88.7	196	**432**	953	2100	**4640**	**10.2K**	22.6K	**49.9K**	**110K**	243K	**536K**	....
18.7	41.2	90.9	**200**	442	976	2150	**4750**	10.5K	23.2K	**51.1K**	113K	**249K**	549K	....
19.1	42.2	93.1	**205**	453	**1000**	**2210**	**4870**	10.7K	**23.7K**	52.3K	115K	**255K**	**562K**	....
19.6	43.2	95.3	210	**464**	1020	**2260**	**4990**	**11K**	24.3K	53.6K	118K	**261K**	**576K**	....
20.0	44.2	97.6	**215**	**475**	1050	**2320**	**5110**	11.3K	**24.9K**	**54.9K**	**121K**	**267K**	509K	....
20.5	45.3	**100**	**221**	**487**	1070	**2370**	5230	11.5K	**25.5K**	**56.2K**	124K	274K	**604K**	....
21.0	**46.4**	102	226	**499**	**1100**	2430	5360	11.8K	**26.1K**	57.6K	127K	**280K**	619K	....
21.5	**47.5**	105	232	**511**	1130	**2490**	**5490**	**12.1K**	**26.7K**	59K	130K	**287K**	634K	...

RC Metal-Glaze and Power Resistors, Assortments

IRC LOW-COST METAL-GLAZE 2% AND 5% RESISTORS


DIAMOND SPIRALED METAL GLAZE ELEMENT
CERAMIC SUBSTRATE
TIN-LEAD ELECTRO PLATED COPPER LEADS
SOLVENT RESISTANT SILICONE COATING
HIGH-TEMPERATURE SOLDERED TERMINATION

Features a unique, thick-film resistance element made of glass and special metal alloys, fused to a crystalline ceramic core. Withstands high temperatures and overloads. Meets MIL-R-22684B. Performs better than MIL-R-11 units.

letal-glaze film is up to 100 times thicker than conventional films. Offer excellent temerature coefficients across a wide resistance range. Average resistance changes less than .6% after 1000 hours, full load at 70°C. Derated to 0 at 150°. Av. wt./100, 6 oz.

2%-TOLERANCE RESISTORS

Stock No.	Mfr's Type	Watts	Stock Values—See Table Below	EACH			
				1-99	100-249	250-999	1000-4999
45 C 5028 C	RG07	¼	51 ohms to 150K	.30	.20	.125	.10
45 C 5029 C	RG20	½	51 ohms to 470K	.30	.20	.125	.09

5%-TOLERANCE RESISTORS

Stock No.	Mfr's Type	Watts	Stock Values—See Table Below	1-99	100-249	250-999	1000-4999
45 C 5030 C	RG07	¼	51 ohms to 150K	.29	.18	.115	.089
45 C 5031 C	RG20	½	51 ohms to 470K	.30	.20	.09	.065

TABLE OF STANDARD RESISTANCE VALUES—SPECIFY VALUES WANTED

hm	Ohm	Ohm	Ohm	Ohm	Ohm	Ohm	Ohm	Ohm	Ohm	Ohm	Ohm	Ohm
51	100	200	390	750	1500	3300	5600	10K	18K	33K	56K	100K
56	110	220	430	820	1600	3600	6200	11K	20K	36K	62K	110K
62	120	240	470	910	1800	3900	6800	12K	22K	39K	68K	120K
68	130	270	510	1000	2000	4300	7500	13K	24K	43K	75K	130K
75	150	300	560	1100	2400	4700	8200	15K	27K	47K	82K	150K
82	160	330	620	1200	2700	5100	9100	16K	30K	51K	91K	470K
91	180	360	680	1300	3000	......	......	......	......	......	......	......

TYPE AS 1% AND 5% POWER RESISTORS

Miniature wirewound resistors incorporating "Thermocoat"—a solvent-resistant silicone coating formulation with high dielectric strength and heat capabilities. Carry full power even at 125°C ambients, expanding circuit design limits significantly. Welded connections. Meet MIL V (MIL-R-26C). Temperature coefficient less than 20 ppm/°C. Maximum working voltages are 150 volts for Type AS-2, and 400 volts for Type AS-5. Av. wt. 1 oz.

1%—TYPE AS-2 2-WATT (½x¼")

Stock No.	Val. Avail. in Ohms See Table at Right	EACH				
		1-9	10-24	25-49	50-99	100-249
C 5867 C	1.0 to 1000	.98	.73	.57	.54	.50
C 5868 C	1100 to 4700	1.07	.81	.64	.60	.55
C 5869 C	5100 to 10K	1.10	.84	.66	.62	.57
C 5870	15K	1.12	.86	.68	.64	.60
C 5866 C	16K to 20K	1.19	.90	.72	.67	.63

1%—TYPE AS-5 5-WATT (15/16x1 1/32")

Stock No.	Val. Avail. in Ohms	1-9	10-24	25-49	50-99	100-249
C 5873 C	1.0 to 1000	1.00	.75	.59	.56	.52
C 5874 C	1100 to 4700	1.09	.83	.66	.62	.57
C 5875 C	5100 to 10K	1.12	.86	.68	.64	.59
C 5876	15K	1.14	.88	.70	.66	.62
C 5877 C	15K to 20K	1.21	.92	.74	.69	.65
C 5878 C	22K to 39K	1.28	.98	.78	.74	.68
C 5879	51K	1.39	1.05	.85	.79	.74

5%—TYPE AS-2 2-WATT (½x¼")

Stock No.	Val. Avail. in Ohms See Table At Right	EACH				
		1-9	10-24	25-49	50-99	100-249
C 6160 C	1.0 to 1000	.44	.40	.37	.31	.24
C 6161 C	1100 to 4700	.47	.43	.36	.34	.27
C 6162 C	5100 to 10K	.48	.44	.41	.35	.28
C 6163	15K	.52	.45	.42	.38	.31
C 6164 C	16K to 20K	.55	.47	.43	.41	.34

5%—TYPE AS-5 5-WATT (1 5/16x1 1/32")

Stock No.	Val. Avail. in Ohms See Table Below	EACH				
		1-9	10-24	25-49	50-99	100-249
45 C 6165 C	1.0 to 1000	.48	.41	.37	.33	.28
45 C 6166 C	1100 to 4700	.50	.43	.39	.35	.29
45 C 6167 C	5100 to 10K	.51	.44	.40	.36	.30
45 C 6168	15K	.52	.45	.42	.38	.31
45 C 6169 C	16K to 20K	.54	.46	.43	.39	.33

OHM VALUES AVAILABLE FROM STOCK—SPECIFY VALUES

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohm
1.0	4.7	12	33	120	300	820	2400	5600	20K
1.2	5.1	13	39	130	330	910	2700	6200	22K
1.5	5.6	15	51	150	360	1000	3000	6800	27K
2.0	6.2	16	56	160	430	1100	3300	7500	30K
2.2	6.8	18	68	180	510	1500	3600	8200	36K
2.4	7.5	20	75	200	560	1600	3900	10K	39K
2.7	8.2	22	82	220	620	1800	4300	15K	51K
3.0	9.1	24	91	240	680	2000	4700	16K	......
3.3	10	30	100	270	750	2200	5100	18K	......

BALANCED RESISTOR ASSORTMENTS

Metal Resist-O-Cabinet FREE with Any Assortment

sistor Assortment No. 3A. A balanced assortment containing 120 C 10%-tolerance molded wirewound and fixed carbon comsition resistors. Offer compact size comparable to ½-watt and 1-tt sizes, yet rated 2-watts at 70°C ambient temperature. Contains following values: 7 each 8200, 10K, 22K, 47K; 5 each 1000, 6800, K, 100K; 4 each 100, 330, 470, 1500, 2200, 3300, 4700, 27K, 1.0 g; 3 each 47, 82, 150, 220, 270, 3900, 220K, 470K; 2 each 4.7, 22, 68; 1 each 15, 27, 33, 39. Assortment includes metal Resist-O-binet. Shpg. wt., 4½ lbs.

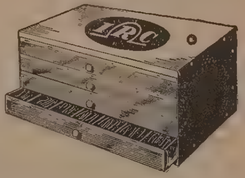
C 6776 .... **28.80**

sistor Assortment No. 4A. Comprehensive selection containing 150 C 10%-tolerance fixed carbon composition resistors rated ½-tt at 70°C ambient temperature. Voltage rating: 350V. 1½" der leads. Assortment contains the following values: 8 each 1000, K, 100K, 270K, 470K, 1.0 meg; 7 each 3700, 10K, 22K, 2.2 meg; ach 3300, 22K, 27K, 33K, 330K, 4.7 meg; 4 each 100, 1500, 2700, 56K, 68K, 3.3 meg; 3 each 47, 220, 270, 10 meg. With tal Resist-O-Cabinet. Shpg. wt., 4½ lbs.

C 6777 .... **18.00**

sistor Assortment No. 5A. Assortment contains an extensive stock IRC 10%-tolerance fixed carbon composition resistors rated 1-tt at 70°C ambient temperature. Voltage rating: 500V. 1½" der leads. 125 resistance values as follows: 7 each 1000, 10K, K, 47K, 100K, 470K, 1.0 meg; 5 each 2200, 4700, 22K; 4 each K, 39K, 68K; 3 each 47, 100, 150, 220, 270, 470, 1500, 2700, 3300, K, 150K, 220K, 2.2 meg, 4.7 meg. Assortment includes metal C Resist-O-Cabinet to keep resistors orderly and easily accessible. pg. wt., 4¾ lbs.

C 6778 .... **22.50**



Sturdy metal Resist-O-Cabinets are free with purchase of any balanced resistor assortment at left and below. Keeps your stocks orderly and easily accessible, with separate compartment for each value. Four non-spill drawers, 28 compartments. Overall: 5⅜x5 15/16x10⅞". Blue and silver-color finish.

Assortment No. 6A. Contains 139 IRC precision deposited carbon film and 10%-tolerance resistors rated ½-watt, 1-watt and 2-watts. Contains the following resistances with these power ratings: **½ watt.** 4 each 1000, 47K, 100K, 270K, 470K, 1.0 meg; 3 each 4700, 10K, 220K, 2.2 meg; 2 each 47, 100, 150, 220, 270, 470, 1500, 2200, 2700, 3300, 15K, 22K, 27K, 33K, 39K, 68K, 150K, 4.7 meg. **1 watt.** 4 each 1000, 10K, 27K, 100K, 1.0 meg; 3 each: 47K, 470K, 2.2 meg; 2 each 3300, 15K, 22K, 68K, 150K, 270K; 1 each: 47, 100, 150, 220, 270, 470, 1500, 2200, 2700, 4700, 33K, 39K, 220K, 4.7 meg. **2 watt.** 1 each 47, 100, 470, 4700, 10K, 22K, 47K. **Type DCF Resistors.** 1% tolerance, rated 1 watt at 40°C. 1 each 1000, 10K, 100K, 1.0 meg and 5.0 meg. With Resist-O-Cabinet. Wt., 5 lbs.

45 C 6779 .... **23.22**

Assortment No. 7A. Balanced inventory of 150 IRC 10%-tolerance fixed carbon composition resistors rated ¼-watt at 70°C ambient temperature. Voltage rating: 250V. 1½" solder leads. Resistances as follows: 10 each 1000, 4700, 10K; 8 each 2200, 22K, 100K; 6 each 100, 470, 1500, 6800, 15K, 33K, 47K; 5 each 3300, 1.0 meg; 4 each 150, 220, 2700, 3900, 18K; 3 each 47, 270, 680, 27K, 39K, 68K, 220K, 470K. With metal Resist-O-Cabinet. 4¼ lbs.

45 C 6775 .... **19.50**

Sure to Specify Stock Nos., Ohms and Wattage When Ordering Resistors

Ohmite "Little-Devil" Resistors and Assortment

Insulated, molded composition resistors. Choose from 10% or 5% tolerances. Color coded for fast, easy identification; tinned leads for easy soldering. Meet MIL-R-11E specifications. Carefully manufactured, can be used at full w ratings to 158° F. Breakdown ratings: 150 V; ¼ W, 250 V; ½ W, 350 V; 1 W, 2 W, 750 V. Shpg. wt., per 100, 10 oz.

10% RESISTORS—SPECIFY VALUES FROM OHMS TABLE "A" BELOW

Stock No.	Watts	Mil Style	Values See Table Below	EACH						
				May Be Asstd.			Asstd Minimum 100 Per Va			
				1-4	5-49	50-Up	100-249	250-499	500-999	100
45 C 6037 C	⅛	RC05GF	2.7 ohms to 8.2 ohms	.27	.22	.18	.156	.134	.123	.1
45 C 6038 C	⅛	RC05GF	10 ohms to 22 meg	.24	.20	.16	.140	.122	.112	.1
45 C 6451 C	¼	RC07GF	2.7 ohms to 8.2 ohms	.14	.12	.077	.055	.055	.044	.0
45 C 6450 C	¼	RC07GF	10 ohms to 22 meg	.13	.11	.07	.05	.05	.04	.0
45 C 6039 C	½	RC20GF	1 ohm to 2.2 ohms	.13	.11	.07	.05	.05	.04	.0
45 C 6040 C	½	RC20GF	2.7 ohms to 22 meg	.12	.10	.06	.04	.04	.032	.0
45 C 6060 C	1	RC42GF	2.7 ohms to 22 meg	.18	.15	.09	.06	.055	.050	.0
45 C 6080 C	2	RC42GF	10 ohms to 22 meg	.24	.20	.15	.11	.096	.088	.0

5% RESISTORS—SPECIFY VALUES FROM OHMS TABLE "B" BELOW

Stock No.	Watts	Mil Style	Values See Table Below	1-4	5-49	50-Up	100-249	250-499	500-999	100
45 C 6042 C	⅛	RC05GF	2.7 ohms to 9.1 ohms	.37	.31	.249	.218	.190	.175	.1
45 C 6043 C	⅛	RC05GF	10 ohms to 22 meg	.34	.28	.226	.198	.173	.159	.1
45 C 6456 C	¼	RC07GF	2.7 ohms to 9.1 ohms	.29	.24	.154	.105	.100	.080	.0
45 C 6455 C	¼	RC07GF	10 ohms to 22 meg	.26	.22	.14	.095	.091	.073	.0
45 C 6044 C	½	RC20GF	1 ohm to 2.4	.26	.22	.14	.095	.091	.073	.0
45 C 6045 C	½	RC20GF	2.7 ohms to 22 meg	.24	.20	.12	.075	.073	.065	.0
45 C 6065 C	1	RC32GF	2.7 ohms to 22 meg	.36	.30	.18	.125	.123	.110	.0
45 C 6085 C	2	RC42GF	10 ohms to 22 meg	.48	.40	.24	.190	.185	.175	.1

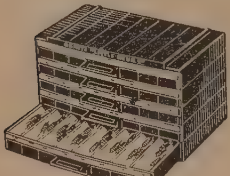
TABLE "A" 10% TOLERANCE RESISTORS—SPECIFY VALUES WANTED

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Meg	Meg
1	2.7	6.8	18	47	120	330	820	2200	5600	15K	39K	100K	270K	680K	1.8	4.7
1.2	3.3	8.2	22	56	150	390	1000	2700	6800	18K	47K	120K	330K	820K	2.2	5.6
1.5	3.9	10	27	68	180	470	1200	3300	8200	22K	56K	150K	390K	1.0 meg	2.7	6.8
1.8	4.7	12	33	82	220	560	1500	3900	10K	27K	68K	180K	470K	1.2 meg	3.3	8.2
2.2	5.6	15	39	100	270	680	1800	4700	12K	33K	82K	220K	560K	1.5 meg	3.9	10

TABLE "B" 5% TOLERANCE RESISTORS—SPECIFY VALUES WANTED (Ohms, except *Megs)

1.0	2.4	5.6	13	33	75	180	430	1000	2400	5600	13K	33K	75K	180K	430K	1.0*	2.4*	5.6*
1.1	2.7	6.2	15	36	82	200	470	1100	2700	6200	15K	36K	82K	200K	470K	1.1*	2.7*	6.2*
1.2	3.0	6.8	16	39	91	220	510	1200	3000	6800	16K	39K	91K	220K	510K	1.2*	3.0*	6.8*
1.3	3.3	7.5	18	43	100	240	560	1300	3300	7500	18K	43K	100K	240K	560K	1.3*	3.3*	7.5*
1.5	3.6	8.2	20	47	110	270	620	1500	3600	8200	20K	47K	110K	270K	620K	1.5*	3.6*	8.2*
1.6	3.9	9.1	22	51	120	300	680	1600	3900	9100	22K	51K	120K	300K	680K	1.6*	3.9*	9.1*
1.8	4.3	10	24	56	130	330	750	1800	4300	10K	24K	56K	130K	330K	750K	1.8*	4.3*	10 *
2.0	4.7	11	27	62	150	360	820	2000	4700	11K	27K	62K	150K	360K	820K	2.0*	4.7*	11 *
2.2	5.1	12	30	68	160	390	910	2200	5100	12K	30K	68K	160K	390K	910K	2.2*	5.1*	12 *

RESISTOR ASSORTMENTS



Wide selection of industrial and service assortments. In handy plastic cabinets, 4¾x9x5¼", with 5 drawers and 40 compartments. **CAB-2, 3, 4 and 10.** Service assortment, 10% tolerance. 1 cabinet. **CAB-25, 26 and 27.** Industrial assortment, 10% tolerance. 2 cabinets. **CAB-45, 46, 47, and 48.** Industrial assortment, 5% tolerance. 4 cabinets.

CAB-2. 1 watt. 125 total. 1 each: 10, 15, 27, 47, 100, 150, 270, 330, 470, 680, 1500, 2200, 6800, 33K, 68K, 82K ohms; .22, .33, .68, 1.5, 2.2, 2.7, 3.9, 4.7, 6.8, 10 meg. 3 each: 1000, 2700, 15K ohms. 5 each: 4700, 22K, 39K ohms; .15, meg. 10 each: 10K, 27K, 47K ohms: .10, .27, .47, 1.0 meg.
45 C 6759. Shpg. wt., 2 lbs. **22.50**

CAB-3. 2 watts. 125 total. Same quantities and values as above.
45 C 6762. Shpg. wt., 2 lbs. **30.00**

CAB-4. ¼-watt. 150 total. 1 each: 150, 330, 680, ohms; .68, 1.5, 2.2, 2.7, 3.9, 4.7, 6.8, 10.0 meg. 2 each: 82K, ohms. 3 each: 270, 470, 33K, 39K, 68K ohms; .15, .22, .27, .33 meg. 5 each: 47, 100, 1500, 2700, 6800, 10K, 15K, 22K, 27K, 47K ohms; .47 meg. 10 each: 1000, 2200, 4700, 10K ohms; .10, 1.0 meg.
45 C 6760. Shpg. wt., 2¼ lbs. **19.50**

CAB-10. ½ watt. 150 total. As CAB-4, except: 1 each: 10, 15, 27, 47, 1500, 2200, 6800, 82K ohms. 3 each: 2700, 15K ohms; 2.7 meg. 5 each: 1000, 39K ohms, .15 meg. 10 each: 27K ohms, .27 meg.
45 C 6761. Shpg. wt., 2¼ lbs. **18.00**

CAB-25. ¼ watt. 1000 total. 5 each: 2.7, 3.3, 3.9, 4.7, 5.6, 6. 8, 12, 15, 18, 22, 27, 33, 39, 56, 68, 82, 120, 180, 390, 560, 820, 1000. 1200, 1800, 5600, 39K, 82K ohms; .12, .15, .18, .27, .39, .56, .68, .82, 1.2, 1.5, 1.8, 2.2, 2.7, 3.3, 3.9, 4.7, 5.6, 6.8, 10, 15, 22 meg. 20 each: 10, 47, 150, 220, 330, 470, 680, 1500, 2700, 3900, 8200, 12K, 18K, 27K, 33K, 56K, 68K ohms; .22, .33, .47 meg. 30 each: 100, 270, 2200, 3300, 4700, 6800, 10K, 15K, 22K, 47K ohms; .10, 1 meg.
45 C 6763. Shpg. wt., 14 lbs. **70.00**

CAB-26. ½-watt. 1000 total. As CAB-25 except: 5 each: 3900, 8200, 15K, 18K ohms. 15 each: 150, 270, 330, 560, 680, 1800, 2700, 6800, 12K, 39K, 56K, 82K ohms; .15, .33, 2.2, 3.3 meg. 20 each: 3300, 5600 ohms; .27 meg. 30 each: 470, 1000 ohms; .47 meg.
45 C 6764. Shpg. wt., 14 lbs. **60.00**

CAB-27. 1-watt. 600 total. As CAB-25, except: 5 each: 8200, 18K, 56K, 68K ohms; .33 meg. 10 each: 2.7, 4.7. 6.8, 10, 15, 33, 47, 100, 150, 220, 270, 330, 390, 470, 560, 680, 1000, 1200, 2200, 2700, 3300, 3900, 4700, 6800, 10K, 15K, 22K, 27K, 33K, 47K ohms; .10, .15, .22, .27, .47, .82 meg.
45 C 6765. Shpg. wt., 14 lbs. ....

CAB-45. ⅛-watt. 1000 total. 5 each: 2.7, 3.0, 3.3, 3.6, 3.9, 4 5.6, 6.8, 7.5, 8.2, 9.1, 11, 12, 15, 16, 18, 20, 22, 24, 27, 30, 39, 43, 56, 62, 68, 75, 82, 91, 110, 120, 130, 150, 160, 200, 24 300, 330, 360, 390, 430, 510, 560, 620, 680, 750, 820, 910, 1100 1600, 1800, 2400, 3000, 3300, 3600, 4300, 5600, 6200, 6800, 8200, 9100, 11K, 13K, 15K, 16K, 18K, 20K, 22K, 24K, 27K, 33K, 36K, 39K, 43K, 51K, 56K, 62K, 68K, 75K, 82K, 91K .11, .12, .13, .15, .16, .18, .20, .22, .24, .27, .30, .33, .36, .39, .4 .51, .56, .62, .68, .75, .82, .91, 1.0, 1.1, 1.2, 1.3, 1.5, 1.6, 1. 2.2, 2.4, 2.7, 3.0, 3.3, 3.6, 3.9, 4.3, 4.7, 5.1, 5.6, 6.2, 6.8, 7.5, 8. 12, 15, 18, 20, 22 meg. 10 each: 47, 51, 220, 470, 1200, 2700, 5100, 12K, 47K ohms. 20 each: 10, 100, 180, 1000, 1500, 2200, 4700, 10K ohms; 0.10 meg.
45 C 6766 U. Shpg. wt., 28 lbs. 2

CAB-46. ¼ watt. 1500 total. As CAB-45, except: 5 each: 180 10 each: 150, 270, 390, 510, 560, 680, 820, 1500, 2400, 3000, 18K, 27K, 30K, 39K, 51K, 68K, 82K ohms; .15, .20, .4 meg. 25 each: 10, 220, 330, 470, 1200, 1800, 2000, 2700, 3300, 5100, 5600, 8200, 12K, 20K, 22K, 33K, 47K ohms; 1.0 m each: 100, 1000, 2200, 4700, 6800, 10K, 15K ohms; .10 meg. wt., 28 lbs.
45 C 6767 U 2

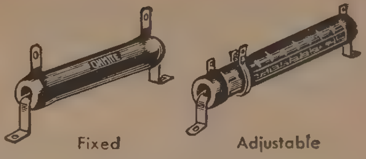
CAB-47. ½ watt. 1500 total. As CAB-45, except: 5 each: 4 ohms. 15 each: 27, 51, 150, 200, 220, 270, 330, 390, 510, 56 1200, 1800, 2700, 3000, 3900, 5100, 5600, 8200, 18K, 20K, 24K 39K, 51K, 56K, 68K ohms; .15, .22 meg. 20 each: 75, 470, 12K, 33K, 47K ohms; .43, 1.0 meg. 30 each: 10, 100, 1000, 2200, 3300, 4700, 10K, 15K, 22K ohms; .10 meg.
45 C 6768 U. Shpg. wt., 28 lbs. ....

CAB-48. 1-watt. 900 total. As CAB-45, except: 5 each: 4 1500, 2700, 3900, 5100, 12K ohms. 10 each: 10, 100, 150, 20 330, 510, 680, 1000, 2000, 2200, 4700, 10K, 22K, 47K oh meg. Shpg. wt., 28 lbs.
45 C 6769 U ....

Specify Stock No., Resistance and Wattage When Ord

Power Resistors, TV Fuse Resistors, Thermistors

OHMITE WIREWOUND POWER RESISTORS


Fixed Adjustable

ed Types. For use as voltage droppers, bias resistors, and bleeders in applications ere resistance need not be varied. Resistance tolerance, ±5% for values 1 ohm or her; ±10% for values below 1 ohm. **Adjustable Types.** For voltage dividing net- rks, power supplies—anywhere adjustable resistance is required. Feature fine y wire, wound on quality ceramic cores and insulated by vitreous enamel coatings. erance ±10%. With slider and mounting brackets. Wattage rating applies only en entire resistance is in circuit: with center lug at intermediate point, rating is ucèd in same proportion. Wattage ratings are for free air mounting. **Specify value en ordering.** Av. shpg. wt., 5-50 watts, 4 oz.; 100 watts and up, 1 lb.

FIXED POWER RESISTORS

STYLE 270-12—12 WATTS—1¾x5/16″

Stock No.	Resistance (Ohms)	EACH 1-9	10-24	25-99	100-249
C 5770 C	.51, 1.0, 1.5, 10, 15, 18, 33, 39, 47, 56, 68, 82, 100, 120, 150, 180, 220, 470, 560, 820, 1000	.60	.51	.42	.36
C 5771 C	1200, 1500, 2200, 3300, 3900, 4700	.64	.54	.45	.38
C 5772	10K	.74	.63	.52	.44
C 5773 C	12K, 15K	.83	.71	.58	.50
C 5774	22K	.87	.74	.61	.52
C 5775	51K	.98	.83	.69	.59

STYLE 270-25—25 WATTS—2x9/16″

Stock No.	Resistance (Ohms)	1-9	10-24	25-99	100-249
C 5776 C	1, 2, 3, 4, 5, 10, 15, 25, 50, 75, 100, 150, 200, 250, 500, 750, 800, 1000	.76	.65	.53	.46
C 5777 C	1500, 2000, 2500, 3000, 4000, 5000	.79	.67	.55	.47
C 5835 C	6000, 7500, 10K	.89	.76	.62	.53
C 5778 C	15K, 20K	95	.81	.67	.57
C 5779 C	25K, 30K	1.09	.93	.76	.65
C 5780 C	50K, 60K	1.27	1.08	.89	.76
C 5781	70K	1.49	1.27	1.04	.89
C 5782	100K	1.72	1.46	1.20	1.03

STYLE 270-50—50 WATTS—4x9/16″

Stock No.	Resistance (Ohms)	1-9	10-24	25-99	100-249
5769	1	1.63	1.39	1.14	.98
5783 C	2, 3, 4, 5, 10, 25, 50, 75, 100, 150, 200, 250, 500, 750, 800, 1000	1.17	.99	.82	.70
5784 C	1500, 2000, 2500, 5000	1.20	1.02	.84	.72
5785	10K	1.29	1.10	.90	.77
5836	20K	1.42	1.21	.99	.85
5786	25K	1.62	1.38	1.13	.97
5787	50K	1.81	1.54	1.27	1.09
5789	100K	2.24	1.90	1.57	1.34

STYLE 270-100—100 WATTS—6½x¾″

Stock No.	Resistance (Ohms)	1-9	10-24	25-99	100-249
5768 C	1, 2, 3	2.27	1.93	1.59	1.36
5795 C	4, 5, 10, 25, 50, 75, 100, 125, 150, 250, 500, 1000	1.62	1.38	1.13	.97
5796 C	1500, 2000, 2500	1.68	1.43	1.18	1.01
5797 C	7500, 10K	1.82	1.55	1.27	1.09
5798	20K	1.96	1.67	1.37	1.18
5801	50K	2.32	1.97	1.62	1.39
5803	100K	2.89	2.46	2.02	1.73

STYLE 270-175—175 WATTS—8½x1⅛″

Stock No.	Resistance (Ohms)	1-9	10-24	25-99	100-249
5837 C	3, 5	3.35	2.85	2.35	2.01
5838 C	10, 25, 50, 75, 100, 125, 150	2.39	2.03	1.67	1.43
5841	10K	2.66	2.26	1.86	1.60
5845	75K	3.23	2.75	2.26	1.94
5846	100K	3.42	2.91	2.39	2.05

STYLE 270-225—225 WATTS—10½x1⅛″

Stock No.	Resistance (Ohms)	1-9	10-24	25-99	100-249
5847 C	1, 2, 3, 4, 5	3.61	3.07	2.53	2.17
5848 C	10, 25, 50, 75, 100, 150, 250, 500, 1000	2.58	2.19	1.81	1.55
5849 C	2000, 2500, 3000, 5000	2.66	2.26	1.86	1.60
5850	10K	2.85	2.42	2.00	1.71
5851 C	15K, 20K	3.03	2.58	2.12	1.82
5853	50K	3.23	2.75	2.26	1.94
5855	100K	3.63	3.09	2.54	2.18

DIVIDOHM ADJUSTABLE RESISTORS

STYLE 210-12—12 WATTS—1¾x5/16″

Stock No.	Resistance (Ohms)	EACH 1-9	10-24	25-99	100-249
45 C 5804 C	1, 2, 3, 5, 10, 25, 50, 75, 100, 150, 250, 500, 750, 1000	1.20	1.02	.84	.72
45 C 5805 C	1500, 2500, 5000	1.24	1.05	.87	.74
45 C 5806 C	7500, 10K	1.33	1.13	.93	.80

45 C 5764. Extra Slider for 12-Watt Types........................15

STYLE 210-25—25 WATTS—2x9/16″

Stock No.	Resistance (Ohms)	1-9	10-24	25-99	100-249
45 C 5807 C	1, 3, 5, 10, 15, 25, 50, 75, 100, 250, 500 750, 1000	1.35	1.15	.95	.81
45 C 5808 C	1500, 2000, 2500, 3000, 5000	1.39	1.18	.97	.83
45 C 5809 C	7500, 10K	1.49	1.27	1.04	.89
45 C 5810 C	15K, 20K	1.54	1.31	1.08	.92
45 C 5811	25K	1.69	1.44	1.18	1.01

STYLE 210-50—50 WATTS—4x9/16″

Stock No.	Resistance (Ohms)	1-9	10-24	25-99	100-249
45 C 5812	1	2.23	1.90	1.56	1.34
45 C 5813 C	2, 3, 4, 10, 25, 50, 75, 100, 150, 200, 250, 500, 750, 1000	1.76	1.50	1.23	1.06
45 C 5814 C	1500, 2000, 2500, 5000	1.80	1.53	1.26	1.08
45 C 5815	10K	1.89	1.61	1.32	1.13
45 C 5816 C	15K, 20K	2.02	1.72	1.41	1.21
45 C 5817 C	25K, 30K, 40K	2.22	1.89	1.55	1.33
45 C 5818	50K	2.40	2.04	1.68	1.44
45 C 5819	100K	2.84	2.41	1.99	1.70

STYLE 210-75—75 WATTS—6x9/16″

Stock No.	Resistance (Ohms)	1-9	10-24	25-99	100-249
45 C 5856 C	1, 2	2.51	2.13	1.76	1.51
45 C 5857 C	5,10,15,25,50,100,200,250,300,1000	1.96	1.67	1.37	1.18
45 C 5858	2000	2.02	1.72	1.41	1.21

45 C 5765. Extra Slider for 25, 50 and 75-Watt Types............15

STYLE 210-100—100 WATTS—6½x¾″

Stock No.	Resistance (Ohms)	1-9	10-24	25-99	100-249
45 C 5821 C	1, 2, 3	2.87	2.44	2.01	1.72
45 C 5822 C	4, 5, 10, 25, 50, 100, 250, 500, 1000	2.22	1.89	1.55	1.33
45 C 5823	5000	2.28	1.94	1.60	1.37
45 C 5826 C	25K, 40K	2.84	2.41	1.99	1.70
45 C 5828	100K	3.49	2.97	2.44	2.09

45 C 5766. Extra Slider for 100-Watt Types......................15

STYLE 210-225—225 WATTS—10½x1⅛″

Stock No.	Resistance (Ohms)	1-9	10-24	25-99	100-249
45 C 5829 C	1, 2, 3, 4, 5	4.54	3.86	3.18	2.72
45 C 5830 C	10, 25, 50, 100, 250, 500, 1000	3.51	2.98	2.46	2.11
45 C 5831	5000	3.58	3.04	2.51	2.15
45 C 5832	10K	3.77	3.20	2.64	2.26

45 C 5767. Extra Slider for 225-Watt Types......................24

EXTRA MOUNTING BRACKETS FOR RESISTORS

Designed for mounting fixed and adjustable tubular-core resistors.

Stock No.	Type No.	For Resistor Core O.D.	Watts	PKG. OF 100 1-9	10-24	25-99
45 C 5894	5	5/16″	12	1.47	1.25	1.03
45 C 5895	9	9/16″	25, 50, 75	1.68	1.43	1.18
45 C 5896	12	¾″	100	3.15	2.68	2.21
45 C 5897	18	1⅛″	175, 225	4.20	3.57	2.94

HAMILTON HALL TV FUSE-RESISTORS

lace similar units in Raytheon, RCA, Motorola, ania, Zenith and other TV receivers. All units are than an inch in length; have tinned leads. Wt., 2 oz.

Stock No.	Mfr's Type	Ohms	EACH 1-9	10-49	50-99	100-Up
C 6021	FR-4.7	4.7	.29	.24	.18	.16
C 6022	FR-5.6	5.6	.29	.24	.18	.16
C 6023	FR-7.5	7.5	.29	.24	.18	.16
C 6025	FR-22	22.0	.29	.24	.18	.16

9R Fuse-Resistor Kit. Has: six 7.5-ohm types, plus one each 4.7, 9.0, 22-ohm types. Shpg. wt., 1 lb.

6026..1.95

G-C GLO-BAR THERMISTORS

These reliable thermal resistors are especially designed for series-string filament circuits. Feature stability and fast response at a low cost. Have a large temperature coefficient of resistance. For use in RCA, Admiral, Philco, G.E., Motorola and a variety of other manufacturer's television receivers. An absolutely necessary addition to every serviceman's tube caddy or work bench. Av. shpg. wt., 2 oz.

Stock No.	Mfr's Type	Ohms Hot	Cold	Replaces	EACH 1-9	10-Up
45 C 6066	25-912	20	250	G.E. RRW051	1.10	1.00
45 C 6053	25-920	11	600	M'rola 6A73541	1.84	1.67
45 C 6071	25-928	9	600	RCA 100118	1.22	1.10

ecify Stock No., Resistance and Wattage When Ordering Resistors

Ohmite Wirewound Rheostats, Potentiometers

VITREOUS-ENAMELED RHEOSTATS FROM 25 WATTS TO 100 WATTS

Selected wirewound rheostats; all are vitreous enameled (except Types 4200, -1, -2, -3, -4), silicone ceramic. Cannot smoke, char, shrink or shift. Have copper-graphite brushes, except *silver-graphite brushes. Ratings at full setting. U.L. Component-Program Recog., except†. Types H, J and K mount on panels up to ¼″ thick; Dimensions: Type H, 1⁹⁄₁₆″ dia., 1⅜″ depth behind panel; J, 2⁵⁄₁₆″ dia., 1⅜″ depth; K, 3⅛″ dia., 1¾″ depth. **Less knobs; see knobs, dial plates and coupling kits listed below.** Av. shpg. wt., 8 oz.

25 WATT—TYPE H

Stock No.	Mfr's Type	Ohms	EACH 1-4	5-9	10-24
46 C 7223	0140*	1	5.05	4.29	3.38
46 C 7224	0141	2	5.05	4.29	3.38
46 C 7225	0142	3	5.05	4.29	3.38
46 C 7226	0143	6	5.05	4.29	3.38
46 C 7227	0144	9	5.05	4.29	3.38
46 C 7228	0145	10	5.05	4.29	3.38
46 C 7229	0146	15	4.55	3.87	3.05
46 C 7230	0147	25	4.55	3.87	3.05
46 C 7231	0148	35	4.55	3.87	3.05
46 C 7232	0149	50	4.55	3.87	3.05
46 C 7234	0150	75	4.55	3.87	3.05
46 C 7236	0151	100	4.55	3.87	3.05
46 C 7237	0152	125	4.55	3.87	3.05
46 C 7238	0153	175	4.55	3.87	3.05
46 C 7239	0154	250	4.55	3.87	3.05
46 C 7240	0155	350	4.55	3.87	3.05
46 C 7241	0156	500	4.55	3.87	3.05
46 C 7242	0157	750	4.55	3.87	3.05
46 C 7244	0158	1000	5.05	4.29	3.38
46 C 7245	0159	1500	5.05	4.29	3.38
46 C 7246	0160	2500	5.05	4.29	3.38
46 C 7247	0161	3500	5.35	4.55	3.58
46 C 7248	0162	5000	5.35	4.55	3.58
46 C 7150	4200†	7500	5.55	4.72	3.72
46 C 7151	4201†	10K	5.55	4.72	3.72
46 C 7152	4202†	15K	6.05	5.14	4.05
46 C 7153	4203†	20K	6.80	5.78	4.56
46 C 7154	4204†	25K	7.50	6.38	5.03

50 WATT—TYPE J

Stock No.	Mfr's Type	Ohms	EACH 1-4	5-9	10-24
46 C 7249	0308*	0.5	5.65	4.80	3.79
46 C 7250	0309*	1	5.65	4.80	3.79
46 C 7251	0310*	2	5.65	4.80	3.79
46 C 7252	0311	4	5.65	4.80	3.79
46 C 7253	0312	6	5.65	4.80	3.79
46 C 7254	0313	8	5.05	4.29	3.38
46 C 7255	0314	12	5.05	4.29	3.38
46 C 7256	0315	16	5.05	4.29	3.38
46 C 7257	0316	22	5.05	4.29	3.38

50 WATT—TYPE J (Cont'd)

Stock No.	Mfr's Type	Ohms	EACH 1-4	5-9	10-24
46 C 7258	0317	35	5.05	4.29	3.38
46 C 7259	0318	50	5.05	4.29	3.38
46 C 7260	0319	80	5.05	4.29	3.38
46 C 7261	0320	125	5.05	4.29	3.38
46 C 7262	0321	150	5.05	4.29	3.38
46 C 7263	0322	225	5.05	4.29	3.38
46 C 7264	0323	300	5.05	4.29	3.38
46 C 7265	0324	500	5.05	4.29	3.38
46 C 7266	0325	800	5.35	4.55	3.58
46 C 7267	0326	1000	5.35	4.55	3.58
46 C 7268	0327	1600	5.35	4.55	3.58
46 C 7269	0328	2500	5.35	4.55	3.58
46 C 7270	0329	3500	5.65	4.80	3.79
46 C 7271	0330	5000	5.65	4.80	3.79
46 C 7272	0331	8000	5.65	4.80	3.79
46 C 7273	0332	10K	5.65	4.80	3.79

100 WATT—TYPE K

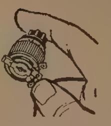
Stock No.	Mfr's Type	Ohms	EACH 1-4	5-9	10-24
46 C 7274	0440*	0.5	8.45	7.18	5.66
46 C 7275	0441*	1	8.45	7.18	5.66
46 C 7276	0442*	2	8.45	7.18	5.66
46 C 7277	0443*	3	8.45	7.18	5.66
46 C 7278	0444*	5	8.45	7.18	5.66
46 C 7279	0445	7.5	8.45	7.18	5.66
46 C 7280	0446	10	8.45	7.18	5.66
46 C 7281	0447	16	7.95	6.76	5.33
46 C 7282	0448	25	7.95	6.76	5.33
46 C 7283	0449	50	7.95	6.76	5.33
46 C 7284	0450	75	7.95	6.76	5.33
46 C 7285	0451	100	7.95	6.76	5.33
46 C 7286	0452	200	7.95	6.76	5.33
46 C 7287	0453	300	7.95	6.76	5.33
46 C 7289	0455	500	7.95	6.76	5.33
46 C 7290	0456	750	7.95	6.76	5.33
46 C 7291	0457	1000	8.45	7.18	5.66
46 C 7293	0459	2000	8.45	7.18	5.66
46 C 7295	0461	5000	9.05	7.69	6.06
46 C 7297	0463	10K	10.20	8.67	6.83

DIAL PLATES AND KNOB

Type 5000 Dial Plate. For Types H, J, and K rheostats. 2³⁄₁₆″ diameter. Handsomely finished with bright figures and lines on etched black background. With 0-100 scale. Shpg. wt., 2 oz.
46 C 7945. 1-4.......................Each .30 5-9........................Each .26

Type 5150 Knob. Handsomely molded, black bakelight knob with 1½″ finger-grip. For use with types H, J and K rheostats (listed above). Shpg. wt., 2 oz.
46 C 7944 1-4...........Each .30 5-9..........Each .26 10-24..........Each .20

TYPE E 12½-WATT RHEOSTAT



Compact miniature rheostats for limited applications. Smaller many 1- or 2-watt pote eters. Rugged, ceram metal construction. Fo temperature applicatio erate at maximum ho temperature of 340°C sistance tolerance is Only ⅞″ diameter. F ¹¹⁄₁₆″ behind panel. ¼″ by 32 threaded b ¼″ long. ⅛″ diameter shaft, ⅜″ long knob, listed below. Av. shpg. wt., 2

Stock No.	Mfr's Type	Ohms	EACH 1-4	5-9
46 C 7200	0101	1	5.05	4.29
46 C 7201	0102	2	5.05	4.29
46 C 7202	0103	3	5.05	4.29
46 C 7204	0105	8	5.05	4.29
46 C 7205	0106	10	5.05	4.29
46 C 7206	0107	15	4.55	3.87
46 C 7207	0108	25	4.55	3.87
46 C 7209	0110	50	4.55	3.87
46 C 7210	0111	75	4.55	3.87
46 C 7211	0112	100	4.55	3.87
46 C 7213	0114	175	4.55	3.87
46 C 7214	0115	250	4.55	3.87
46 C 7216	0117	500	4.55	3.87
46 C 7217	0118	750	4.55	3.87
46 C 7218	0119	1000	5.05	4.29
46 C 7219	0120	1500	5.05	4.29
46 C 7220	0121	2500	5.05	4.29
46 C 7221	0122	3500	5.35	4.55
46 C 7222	0123	5000	5.35	4.55
46 C 7155	4190	7500	5.55	4.72
46 C 7156	4191	10K	5.55	4.72
46 C 7158	4193	15K	6.05	5.14

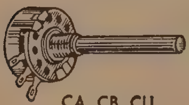
Type 5007 Dial Plate. For Type E. 1
Has black background. Shpg. wt., 1 oz.
46 C 7939. 1-4.......................Ea
5-9..........Each .26 10-24......Ea

Type 5161 Knob. ¾″ finger-grip type fo
E rheostats. Shpg. wt., 1 oz.
46 C 7940. 1-4.......................Ea
5-9..........Each .26 10-24......Ea

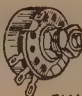
TANDEM COUPLING KIT FOR TYP

Type 6591. Consist steel "U" frame, mica er, coupling, Allen w instructions. Max. thickness ¹⁄₁₆″. Fram long, ¾″ wide. 2 oz.
46 C 1595. 1-4..Ea
5-9 Ea. 1.87 10-24 Ea

"AB" MOLDED COMPOSITION 2-WATT POTENTIOMETERS



CA, CB, CU



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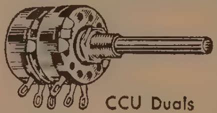
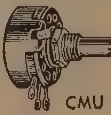


CCU Duals



CMU

Single units are ⅝x1⁵⁄₃₂″ dia.; double are 1¹⁷⁄₆₄x1⁵⁄₃₂″ dia. Mount in ⅜″ hole in to ¼″ thick. 2″ long ¼″ round shafts CLU, slotted shaft and locking nut; ⅞″ slotted shaft. CU, CCU, CMU and Types linear taper; CA Types, CW lo Types, CCW log. ±10% tolerance, *±20%. Av. shpg. wt., 3½ oz.

STYLE CA, CB, CU

Stock No.	Mfr's Type	Ohms	EACH 1-9	10-49
46 C 1500	CU5001	50	1.95	1.75
46 C 1501	CU1011	100	1.95	1.75
46 C 1596	CU1511	150	1.95	1.75
46 C 1502	CU2511	250	1.95	1.75
46 C 1597	CU3511	350	1.95	1.75
46 C 1503	CU5011	500	1.95	1.75
46 C 1598	CU7511	750	1.95	1.75
46 C 1504	CU1021	1000	1.95	1.75
46 C 1599	CU1521	1500	1.95	1.75
46 C 1505	CU2521	2500	1.95	1.75
46 C 1600	CU3521	3500	1.95	1.75
46 C 1506	CU5021	5000	1.95	1.75
46 C 1601	CU7521	7500	1.95	1.75
46 C 1507	CU1031	10K	1.95	1.75
46 C 1508	CB1031	10K	2.25	2.02
46 C 1602	CU1531	15K	1.95	1.75
46 C 1509	CU2531	25K	1.95	1.75
46 C 1510	CB2531	25K	2.25	2.02
46 C 1603	CU3531	35K	1.95	1.75
46 C 1511	CU5031	50K	1.95	1.75
46 C 1512	CB5031	50K	2.25	2.02
46 C 1604	CU7531	75K	1.95	1.75
46 C 1513	CU1041	100K	1.95	1.75
46 C 1514	CA1041	100K	2.25	2.02
46 C 1605	CU1541	150K	1.95	1.75
46 C 1515	CU2541	250K	1.95	1.75
46 C 1516	CA2541	250K	2.25	2.02
46 C 1606	CU3541	350K	1.95	1.75
46 C 1517	CU5041	500K	1.95	1.75
46 C 1518	CA5041	500K	2.25	2.02
46 C 1607	CU7542	750K*	1.95	1.75
46 C 1519	CU1052	1 meg*	1.95	1.75
46 C 1520	CA1052	1 meg*	2.25	2.02
46 C 1608	CU1552	1.5 meg*	1.95	1.75
46 C 1548	CU2052	2.0 meg*	1.95	1.75
46 C 1521	CU2552	2.5 meg*	1.95	1.75
46 C 1522	CA2552	2.5 meg*	2.25	2.02
46 C 1609	CU3552	3.5 meg*	1.95	1.75
46 C 1523	CU5052	5 meg*	1.95	1.75

CMU SLOTTED-SHAFT TYPES—MIL-R-94B

Stock No.	Mfr's Type	Ohms	EACH 1-9	10-49
46 C 1612	CMU5001	50	1.95	1.75
46 C 1613	CMU1011	100	1.95	1.75
46 C 1614	CMU2511	250	1.95	1.75
46 C 1615	CMU5011	500	1.95	1.75
46 C 1616	CMU1021	1000	1.95	1.75
46 C 1617	CMU2521	2500	1.95	1.75
46 C 1618	CMU5021	5000	1.95	1.75
46 C 1619	CMU1031	10K	1.95	1.75
46 C 1620	CMU2531	25K	1.95	1.75
46 C 1621	CMU5031	50K	1.95	1.75
46 C 1622	CMU1041	100K	1.95	1.75
46 C 1623	CMU2541	250K	1.95	1.75
46 C 1624	CMU5041	500K	1.95	1.75
46 C 1625	CMU1052	1 meg*	1.95	1.75
46 C 1626	CMU2052	2 meg*	1.95	1.75
46 C 1627	CMU2552	2.5 meg*	1.95	1.75
46 C 1628	CMU5052	5 meg*	1.95	1.75

CLU LOCKING-SHAFT TYPES—MIL-R

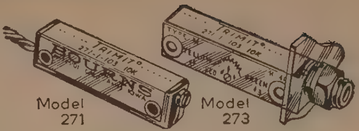
Stock No.	Mfr's Type	Ohms	EA 1-9
46 C 1525	CLU5001	50	2.55
46 C 1526	CLU1011	100	2.55
46 C 1527	CLU2511	250	2.55
46 C 1528	CLU5011	500	2.55
46 C 1529	CLU1021	1000	2.55
46 C 1530	CLU2521	2500	2.55
46 C 1531	CLU5021	5000	2.55
46 C 1532	CLU1031	10K	2.55
46 C 1533	CLU2531	25K	2.55
46 C 1534	CLU5031	50K	2.55
46 C 1535	CLU1041	100K	2.55
46 C 1536	CLU2541	250K	2.55
46 C 1537	CLU5041	500K	2.55
46 C 1538	CLU1052	1 meg*	2.55
46 C 1549	CLU2052	2 meg*	2.55
46 C 1539	CLU2552	2.5 meg*	2.55
46 C 1540	CLU5052	5 meg*	2.55

STYLE CCU DUALS

Stock No.	Mfr's Type	Ohms	EA 1-9
46 C 1541	CCU1031	10K	5.85
46 C 1542	CCU2531	25K	5.85
46 C 1543	CCU5031	50K	5.85
46 C 1544	CCU1041	100K	5.85
46 C 1545	CCU2541	250K	5.85
46 C 1546	CCU5041	500K	5.85
46 C 1547	CCU1052	1 meg*	5.85

Potentiometers and Controls

BOURNS TRIMIT® SUBMINIATURE POTENTIOMETERS

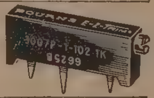


dy is only 9⁄32x5⁄16x1 1⁄4". May be stacked. ve 25-turn screwdriver adjustment, zero full value, with self locking shaft. Power ting is at 25° C. Operating range, −55° +85° C. Panel mtg. requires .228" hole with max. thickness, .13". Std. mounts have two #2 holes on 1" ctrs. **Quantity price for one resistance value only. Specify Stock No. and resistance when ordering.** Av. shpg. wt., 2 oz.

1⁄4-WATT WIREWOUND TYPE. Size 5⁄16x1⁄4x1 1⁄4".

Stock No.	Mfr's Type	Terminal Connections	Mounting	Resistance Values (Ohms) Specify Values Wanted	EACH 1-9	10-24	25-49
46 C 7397 C	271	Insulated leads	Standard	50, 100, 200, 500, 1000, 2000, 5000, 10K	3.19	2.95	2.66
46 C 7981	271	Insulated leads	Standard	20K only	4.32	4.00	3.60
46 C 7034 C	271	Insulated leads	Panel	50, 100, 200, 500, 1000, 2000, 5000, 10K	4.00	3.70	3.34
46 C 7062	271	Insulated leads	Panel	20K only	5.13	4.75	4.28
46 C 7398 C	273	Solder lugs	Standard	50, 100, 200, 500, 1000, 2000, 5000, 10K	3.19	2.95	2.66
46 C 7982	273	Solder lugs	Standard	20K only	4.32	4.00	3.60
46 C 7035 C	273	Solder lugs	Panel	50, 100, 200, 500, 1000, 2000, 5000, 10K	4.00	3.70	3.34
46 C 7063	273	Solder lugs	Panel	20K only	5.13	4.75	4.28
46 C 7399 C	275	PC pins	Printed circuit	50, 100, 200, 500, 1000, 2000, 5000, 10K	3.19	2.95	2.66
46 C 7983	275	PC pins	Printed circuit	20K only	4.32	4.00	3.60

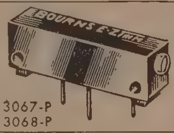
BOURNS 20-TURN MICROMINIATURE E-Z TRIM POTENTIOMETERS

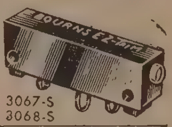


ype 3007. Rugged potentiometer with high temperature aled plastic case, usable to 175°C. Precision wirewound ment. 20-turn screwdriver adjustment. Meet **MIL-R-208B** specifications for humidity, vibration and shock. Power rating, 1 watt at 40°C. Resolution: 1.7% to 0.29%, 50 to 20K. Res. tol.: ±10%. Standard PC mounting. Size: .75x.16x.31". 2 oz. **Quantity prices in table are for one resistance value only.**

Stock No.	Mfr's Type	Values Available (Ohms)—Specify Values	1-9, EA.	10-24, EA.	25-49, EA.
46 C 7385 C	3007P	50, 100, 200, 500, 1000, 2000, 5000, 10K, 20K	1.75	1.62	1.46

BOURNS E-Z TRIM® POTENTIOMETERS

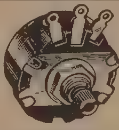

3067-P
3068-P


3067-S
3068-S

ypes 3067, 3068. Type 3067 1⁄2-watt 15-rn and 3068 1/5-watt 15-turn potenmeters are designed specifically for comrcial applications. 3068 has a Resiston® rbon resistance element. 3067 has a preion wirewound element. 15-turn adjustment and self-locking shafts for stable and precise electrical settings. Wipers idle at both ends of travel. *Printed circuit pin. †Solder lugs. Mtg. ctrs. 53⁄64". 3⁄8x1x9⁄32". **Specify Mfr's Type No. and resistance value when ordering.** Av. Shpg. wt., 2 oz.

Stock No.	Mfr's Type	Values Available (Ohms)—Specify Values	1-9, EA.	10-24, EA.	25-49, EA.
46 C 7636 C	†3067-S	50, 100, 200, 500, 1000, 2000, 5000, 10K, 20K	1.85	1.71	1.54
46 C 7637 C	*3067-P	50, 100, 200, 500, 1000, 2000, 5000, 10K, 20K	1.85	1.71	1.54
46 C 7638 C	†3068-S	20K, 50K, 100K, 200K, 500K, 750K, 1 meg	1.85	1.71	1.54
46 C 7639 C	*3068-P	20K, 50K, 100K, 200K, 500K, 750K, 1 meg	1.85	1.71	1.54

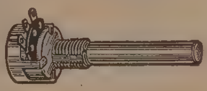
MALLORY 3-WATT TV CONTROLS



ree-watt wirewound potentiometers designed espelly for replacement of television controls. Also excelt for use as voltage dividers and bias controls. Inated contact arm type, linear taper. Special dual ntactor mechanism. 900 volts AC insulation between istance element and chassis. 297° rotation. Size, ⁄4" in diameter. Knurled stub shaft has screwdriver 3⁄8" bushing. Shpg. wt., 4 oz.

ock No.	Type	Ohms	EACH	Stock No.	Type	Ohms	EACH
C 3835	R20L	20	.93	46 C 3843	R1500L	1500	.93
C 3837	R25L	25	.93	46 C 3844	R2500L	2500	.93
C 3840	R50L	50	.93	46 C 3846	R3000L	3000	.93
C 3864	R100L	100	.93	46 C 3845	R5000L	5000	.93
C 3841	R250L	250	.93	46 C 3693	R10ML	10K	1.08
C 3834	R500L	500	.93	46 C 3695	R20ML	20K	1.08
C 3842	R1000L	1000	.93	....	....	......	......

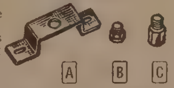
MALLORY TYPE VW WIREWOUND 5-WATT CONTROLS



iniature type. Case size 3⁄4" in diameby 7⁄8" in depth. Bushing: 3⁄8x3⁄8" meter and length. Has 1⁄4" plain round aft, 2 1⁄2" long from mounting surface. near taper. Tolerance ±5%. 305° meanical rotation; 275° electrical rotan. Av. wt., 4 oz.

ock No.	Type	Ohms	EA.	Stock No.	Type	Ohms	EA.
C 1087	VW-1	1	1.38	46 C 1104	VW-250	250	1.38
C 1088	VW-2	2	1.38	46 C 1105	VW-300	300	1.38
C 1089	VW-3	3	1.38	46 C 1106	VW-400	400	1.38
C 1090	VW-5	5	1.38	46 C 1107	VW-500	500	1.38
C 1092	VW-8	8	1.38	46 C 1110	VW-1K	1000	1.38
C 1093	VW-10	10	1.38	46 C 1111	VW-1P5K	1500	1.44
C 1094	VW-15	15	1.38	46 C 1112	VW-2K	2000	1.44
C 1095	VW-20	20	1.38	46 C 1113	VW-2P5K	2500	1.44
C 1096	VW-25	25	1.38	46 C 1114	VW-3K	3000	1.44
C 1097	VW-30	30	1.38	46 C 1115	VW-4K	4000	1.44
C 1098	VW-40	40	1.38	46 C 1116	VW-5K	5000	1.44
C 1099	VW-50	50	1.38	46 C 1118	VW 10K	10K	1.50
C 1100	VW 60	60	1.38	46 C 1119	VW-15K	15K	1.56
C 1102	VW-100	100	1.38	46 C 1120	VW-20K	20K	1.56
C 1103	VW-200	200	1.38	46 C 1121	VW-25K	25K	1.65

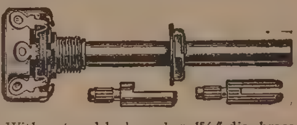
MALLORY CONTROL MOUNTING ACCESSORIES



eful accessories for Mallory controls include unting brackets with adjustable mounting nters, in two sizes; extender that extends dy of controls 5⁄8" away from mounting face; and bushing adapter for mounting in nels up to 1⁄4" thick. Av. shpg. wt., 2 oz.

tock No.	Mfr's Type	Fig.	Description	EACH
6 C 3676	RB249	A	Mtg. bracket. mtg. ctrs. 2 1⁄2"	.05
6 C 3675	RB248	A	Mtg. bracket. mtg. ctrs. 1 3⁄4"	.05
6 C 3661	EB247	C	Extender	.13
7 C 4092	119	B	1⁄4" bushing (**Pkg. of 6**)	.75

MALLORY SERIES U MIDGETROL CONTROLS



For audio, tone control circuits in home receivers, amplifiers, portables, TV sets and industrial equipment. Available in a full line of resistances, tapers, and taps. Round, hollow shaft—easily cut to desired length. Two splineshank knob adapters furnished with each Midgetrol. With nut and lock washer. 15⁄16" dia. brass shaft, 2 1⁄8" long, 1⁄4" dia. Less switch. Shpg. wt., 3 oz.

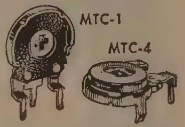
Stock No.	Mfr's Type	Ohms	Taper*	Stock No.	Mfr's Type	Ohms	Taper*
46 C 3714	U-1	100	4	46 C 3763	U-35	50K	4
46 C 3709	U-2	500	4	46 C 3765	U-39	100K	1
46 C 3785	U-4	1K	4	46 C 3767	U-41	100K	4
46 C 3787	U-8	3K	4	46 C 3768	U-42	150K	1
46 C 3751	U-12	5K	1	46 C 3770	U-44	250K	1
46 C 3752	U-14	5K	4	46 C 3772	U-46	250K	4
46 C 3753	U-18	10K	1	46 C 3773	U-48	500K	1
46 C 3755	U-20	10K	4	46 C 3774	U-50	500K	4
46 C 3756	U 21	15K	1	46 C 3776	U-53	1 Meg	1
46 C 3783	U-26	20K	4	46 C 3777	U-54	1 Meg	4
46 C 3712	U-28A	25K	1	46 C 3781	U-56	2 Meg	4
46 C 3760	U-29	25K	4	46 C 3789	U-82	10 Meg	4
46 C 3761	U-33	50K	1	....	......	......	......

EACH..1.02

EXPLANATION OF TAPERS*

Taper No. 1: Nonlinear. For audio or antenna shunt circuits.
Taper No. 4: Linear. For voltage control.

MALLORY MTC MINIATURE TRIMMER CONTROLS



Subminiature potentiometers only 1⁄2" in diameter. Designed especially for printed circuitry. Also meets need for low wattage, carbon-type variable resistance source. Screwdriver slot adjustable. Rated at 1⁄4 watt. Linear taper. Uses include bias controls where initial setting is usually permanent except for servicing. 270° rotation, 180° with fixed end resistance. Wt., 1 oz.

46 C 3673 C. Type MTC1 for Vertical PC Mounting. Terminals are arranged for stand-up mounting on PC circuitry. Available in resistance values listed in table, below. *Specify values from Table "A."*...**Each .39**

46 C 3674 C. Type MTC-4 for Horizontal PC Mounting. Terminals arranged so that control can be mounted flat. Resistance values listed in table, below. *Specify values from Table "A."*..............**Each .39**

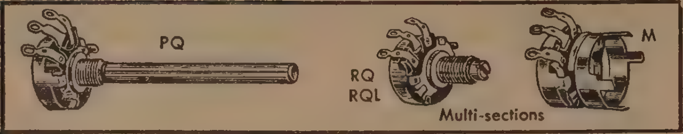
TABLE "A"—VALUES AVAILABLE FROM STOCK

STANDARD RESISTANCE VALUES—SPECIFY VALUES WANTED

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Megs
100	300	1000	3000	6800	20K	100K	250K	500K	1
200	500	1500	5000	10K	25K	120K	325K	......	2
250	750	2000	6000	15K	50K	180K	450K	......	3.5

IRC and Clarostat Controls

IRC SERIES PQ, RQ, RQL AND M CONTROLS



Mfr's Type	Ohms	Taper	Stock No. PQ	Stock No. RQ	Stock No. RQL	Stock No. M
11-103	500	A	46 C 5510	46 C 5542	46 C 3271	46 C 5592
11-108	1000	A	46 C 5511	46 C 5543	46 C 3272	46 C 5574
11-110	2000	A	46 C 5512	46 C 5544	46 C 3273	46 C 5593
11-112	3000	A	46 C 5513	46 C 5545	....	....
11-114	5000	A	46 C 5514	46 C 5546	46 C 3275	46 C 5575
11-115	7500	A	46 C 5515	....	....	....
11-116	10K	A	46 C 5516	46 C 5548	46 C 3276	46 C 5576
13-116	10K	C	46 C 5517	....	....	....
11-119	20K	A	46 C 5519	....	46 C 3277	....
11-120	25K	A	46 C 5520	....	46 C 3278	46 C 5577
11-123	50K	A	46 C 5523	46 C 5555	46 C 3280	46 C 5578
13-123	50K	C	46 C 5524	....	....	....
11-128	100K	A	46 C 5526	46 C 5558	46 C 3282	46 C 5579
13-128	100K	C	46 C 5527	....	....	46 C 5580
11-129	200K	A	....	....	46 C 3283	....
11-130	250K	A	46 C 5528	46 C 5560	46 C 3284	46 C 5581
13-130	250K	C	46 C 5529	....	....	....
11-133	500K	A	46 C 5530	46 C 5562	46 C 3286	46 C 5583
13-133	500K	C	46 C 5531	46 C 5563	46 C 3287	46 C 5584
11-137	1.0 meg	A	46 C 5532	46 C 5564	46 C 3288	46 C 5585
13-137	1.0 meg	C	46 C 5533	....	46 C 3289	....
11-139	2.0 meg	A	46 C 5535	....	46 C 3291	....
11-140	3.0 meg	A	46 C 5538	46 C 5570	....	....
13-140	3.0 meg	C	46 C 5539	....	....	46 C 5594
11-141	5.0 meg	A	46 C 5540	46 C 5572	....	....
11-143	10.0 meg	A	46 C 5541	46 C 5573	....	46 C 5590

PQ and RQ Controls..Each 1.71
M Multisections..Each 1.62
RQL Controls..Each 1.77

EXPLANATION OF TAPERS

Taper A. Linear curve for uniform re tance change.
Taper C. Left-hand logarithmic taper audio circuit control.

Smooth carbon base element and "two-fi wiper arm. Special-purpose controls ca made up by using a Type PQ, RQ or RQL several M multisections and a Type 76 s (listed below). Types PQ, RQ and RQL 3/8" threaded bushing. Body diamete cluding terminals is 1 5/16" maximum; d behind panel, 33/64". Each Type M multise adds 19/32" to the depth. PQ types have sh long, 1/4" diameter. RQ and RQL types short shaft with screwdriver slot; shaft ex 1/8" beyond threaded bushing. Types RQ RQL are identical except RQL has split ing and locking nut—for permanent, vibra proof settings. Tolerance of all types is ± Tinned terminals. Type PQ, RQ, RQL a sections feature 300 degree arc of rotat with or without switch. Power rating watt, 500 volt maximum. Ground plat Types PQ, RQ, and RQL has 2 locating that may be bent down out of the way, needed. Av. shpg. wt., 4 oz.

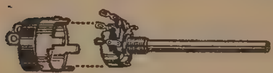
TYPE 76 ATTACHABLE SWITCHES F PQ, RQ, RQL, M AND Q CONTR

Easily attached to controls listed at le bending down four metal tabs. Switch hou of arc-resistant material. Terminals hy lically staked—no openings for solder t into switch. Silver-plated alloy contacts.

Type 76-4 is make-one, break-one typ CRT spot-killing. Type 76-1 handles u 5 amps @ 125 V; Type 76-2 is rated 1 @ 125 V. Shpg. wt., 2 oz.

46 C 5359. Type 76-1. SPST.....**Eac**
46 C 5591. Type 76-2. DPST.....**Eac**
46 C 5888. Type 76-4. SPDT.....**Eac**

IRC-CTS Q CONTROLS WITH UNIVERSAL SHAFTS

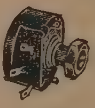


Knurled, flatted and slotted. 3" universal shaft can be cut to desired length. 1 5/16" body dia. 3/8" bushing, 1/4" long. Brass, tinned terminals for easy soldering. To gang, use M multisections, above. Less switches. For switches and explanations of taper see above. Av. shpg. wt., 4 oz.

Stock No.	Mfr's Type	Ohms	Taper
46 C 5395	Q11-201	250	A
46 C 5300	Q11-103	500	A
46 C 5301	Q11-108	1000	A
46 C 5442	Q11-109	1500	A
46 C 5302	Q11-110	2000	A
46 C 5373	Q13-111	2500	C
46 C 5303	Q11-112	3000	A
46 C 5304	Q11-114	5000	A
46 C 5383	Q13-114	5000	C
46 C 5306	Q11-116	10K	A
46 C 5309	Q11-119	20K	A
46 C 5311	Q11-120	25K	A
46 C 5443	Q13-120	25K	C
46 C 5314	Q11-123	50K	A
46 C 5315	Q13-123	50K	C
46 C 5317	Q11-128	100K	A
46 C 5318	Q13-128	100K	C
46 C 5374	Q11-129	200K	A
46 C 5319	Q11-130	250K	A
46 C 5320	Q13-130	250K	C
46 C 5322	Q11-133	500K	A
46 C 5323	Q13-133	500K	C
46 C 5325	Q11-137	1 meg	A
46 C 5326	Q13-137	1 meg	C
46 C 5328	Q11-138	1.5 meg	A
46 C 5329	Q11-139	2 meg	A
46 C 5330	Q13-139	2 meg	C
46 C 5331	Q11-239	2.5 meg	A
46 C 5332	Q11-140	3 meg	A
46 C 5334	Q11-141	5 meg	A
46 C 5335	Q11-143	10 meg	A

EACH..1.23

TYPE WPRL CONTROLS



Locking-type controls screw-driver slot shaft dia. and approximately long from mounting face. 3/8" locking-type bushin locking nut. Linear **Specify Type and O** Shpg. wt., 4 oz.

Ohms	Ohms	Ohms	Ohms	O
2	25	250	2000	7
5	30	400	2500	1
8	50	500	3000	
10	100	750	4000	
20	200	1000	5000	

46 C 5859 C....................**Each**

15K	20K	25K	....	...

46 C 5889 C....................**Each**

30K	50K	....	....	...

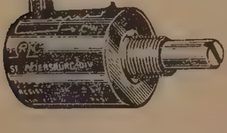
46 C 5890 C ....**Each**

SWITCHES FOR WRPL CONTRO

46 C 5218. Type 76-11. SPST, 2 oz...
46 C 5219. Type 76-12. DPST, 2 oz...

IRC TYPE 8400 PRECISION 10-TURN POTENTIOMETER

- Hard Gold-Plated Center Terminal Contact
- Rugged Molded Nylon Housing and End Plates



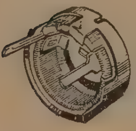
Incorporate the desirable characteristics of multi-turn precision potentiometers in an economical, compact design. Miniature wirewound potentiometer is only 7/8" in diameter and projects only 1 1/8" behind panel. Rugged molded nylon housing and end plates, plus grooved interior for 0.25% independent linearity. Has extra-long 20" precision-drawn alloy wire resistance element, wound on insulated copper core for optimum combination of resolution, temperature coefficient and rotational life.

Features hard gold-plated center terminal contact. Ribbon w multi-wire terminals. Stainless-steel shaft with screwdriver slot fo satility of adjustment. Rated 3 watts at 40°C ambient temper Tolerance, ±5%. Operating temperature range, −55°C to +1 Temperature coefficient, ±70 ppm/°C. Resolution, .070 to .013%. 10g vibration, 55-2000 cycles; 55g shock. **Specify resistance desired: 100, 200, 500, 1000, 2000, 5000, 10K, 20K, 50K, 100K c** Shpg. wt., 2 oz.

46 C 1741 C 1-9....................**Each**
10-24..........**Each 6.50** **25-49**..........**Each**
50-99..........**Each 5.95** **100-249**..........**Each**
250-499....................**Each**

CLAROSTAT SERIES U39 2-WATT WIREWOUND "HUMDINGER" CONTROLS

- For Printed Circuit Board or Above-Chassis Mounting
- Screwdriver Slot Adjustment
- Insulated Mounting Plate



Versatile 2-watt wirewound controls. Designed for printed circuit board mounting, or for above-chassis mounting in other applications. All have linear taper. Resistance tolerance is ±20%. Controls do not have shafts; a slot is provided for screwdriver adjustment. Dimensions: 3/4" diameter; 1 1/4" long; 1" mounting centers. With insulated mounting plate. See table at right for available resistances. Av. shpg. wt., 2 oz.

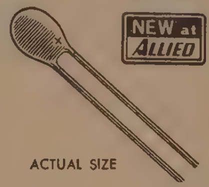
Ohms	Ohms	Ohms	Ohms	O
5	100	300	700	
8	125	500	800	
50	150	600	1000	
75	200	650	1500	

Stock No.	Mfr's Type	Ohms (See Table Above)	E
46 C 7970 C	U39	5 to 5000	

›prague Solid Tantalums and Miniature Electrolytics

Allied maintains a complete stock of capacitors for every application. Due to space considerations however, many capacitors that are in stock are not listed in this catalog. For prompt price and delivery information concerning any capacitor you do not see listed in this catalog, write, wire or phone Allied.

TYPE 196D SOLID-TANTALUM EPOXY-DIPPED CAPACITORS



- Hard-Insulating Epoxy-Resin Coating
- Resistant to Moisture, Mechanical Damage
- Compact Size for Efficient Mounting
- Long-Life Electro-Tinned Nickel Leads

ependable, space-saving solid-tantalum capaci-rs at very low cost. Designed for efficient use in wide variety of industrial and commercial applitions. Special hard-insulating epoxy-resin coat-g provides high resistance to moisture and echanical damage, even when operating under vere environmental conditions. Electro-tinned ckel leads provide long-life performance, allow easy soldering into circuit. Compact size permits efficient mounting, even in tight and hard-to-get-at areas. All have a broad operating temperature range of —55° to +85°C. Maximum dissipation factor is 10%. Standard tolerance of ±20%. Available in ratings from 4 to 35 WVDC and capacitances from .1 to 330 μF. In table below, size is height x width x thickness. Wt., ½ oz.

4 WVDC

Stock No.	Type 196D-	μF	Size HxWxT	EACH
43 C 6826	336X0004EB	33	.350x.400x.225″	.81
43 C 6827	157X0004FB	150	.450x.450x.250″	1.35

6 WVDC

Stock No.	Type 196D-	μF	Size HxWxT	EACH
43 C 6828	226X0006EB	22	.350x.400x.225″	.81
43 C 6829	107X0006FB	100	.450x.450x.250″	1.35
43 C 6830	337X0006GB	330	.670x.600x.275″	3.45

10 WVDC

Stock No.	Type 196D-	μF	Size HxWxT	EACH
43 C 6831	156X0010EB	25	.350x.400x.225″	.81
43 C 6845	686X0010FB	68	.450x.450x.250″	1.35
43 C 6848	227X0010GB	220	.670x 600x.275″	3.45

15 WVDC

Stock No.	Type 196D-	μF	Size HxWxT	EACH
43 C 6849	106X0015EB	10	.350x.400x.225″	.81
43 C 6850	336X0015FB	33	.450x.450x.250″	1.20
43 C 6851	476X0015FB	47	.450x.450x.250″	1.35
43 C 6853	157X0015GB	150	.670x.600x.275″	3 45

20 WVDC

Stock No.	Type 196D-	μF	Size HxWxT	EACH
43 C 6854	225X0020EB	2.2	.350x.400x.225″	.81
43 C 6856	475X0020EB	4.7	.350x.400x.225″	.81
43 C 6857	685X0020EB	6.8	.350x.400x.225″	.81
43 C 6858	106X0020FB	10	.450x.450x.250″	.85
43 C 6860	226X0020FB	22	.450x.450x.250″	1.35
43 C 6862	107X0020GB	100	.670x.600x.275″	3.45

35 WVDC

Stock No.	Type 196D-	μF	Size HxWxT	EACH
43 C 6864	104X0035DB	.1	.400x.250x.200″	.81
43 C 6865	224X0035DB	.22	.400x.250x.200″	.81
43 C 6867	334X0035DB	.33	.400x.250x.200″	.81
43 C 6868	474X0035DB	.47	.400x.250x.200″	.81
43 C 6870	684X0035DB	.68	.400x.250x.200″	.81
43 C 6871	105X0035DB	1.0	.400x.250x.200″	.81
43 C 6872	105X0035EB	1.0	.350x.400x.225″	.81
43 C 6873	155X0035EB	1.5	.350x.400x.225″	.81
43 C 6874	225X0035FB	2.2	.450x.450x.250″	1.00
43 C 6876	335X0035FB	3.3	.450x.450x.250″	1.00
43 C 6896	475X0035FB	4.7	.450x.450x.250″	1.10
43 C 6900	685X0035FB	6.8	.450x.450x.250″	1.10
43 C 6906	276X0035GB	27	.670x.600x.275″	3.45

TYPE TE (30D) "LITTL-LYTIC" SUBMINIATURE CAPACITORS

ltra-small electrolytics. Excellent for use in transistor radios, ansistor circuits in hearing aids, pocket tape recorders, wireless icrophones, and other miniature electronic equipment. Hermetilly sealed, aluminum enclosed. All-welded construction—no pressure joints to cause open or intermittent circuits. Extremely low leakage current and long shelf life. Withstand temperatures up to 85°C. Size given in table below is diameter x length. Av. shpg. wt., 2 oz.

IMPORTANT. Where capacitance is found in 2 or more voltage ratings with nearly same case size and price, normally only the higher voltage unit is listed. A higher voltage rating can be substituted for one of lower value provided μF rating remains equal.

Stock No.	Type TE-	μF	WV DC	Size Dia. x L	EA.
3 C 1739	1052.2	5	3	17/64x35/64″	.51
3 C 1742	1053	10	3	17/64x35/64″	.51
3 C 6028	1055	25	3	17/64x35/64″	.51
3 C 1746	1057	40	3	17/64x47/64″	.72
3 C 1747	1058	50	3	17/64x47/64″	.72
3 C 1748	1059	75	3	21/64x47/64″	.75
3 C 1749	1059.5	100	3	21/64x47/64″	.81
3 C 1003	1061	150	3	21/64x55/64″	.81
3 C 6654	1064	200	3	21/64x55/64″	.81
3 C 1004	1065	250	3	25/64x55/64″	.81
3 C 6658	1068	500	3	25/64x1 19/64″	.99
3 C 6034	1084	5	6	17/64x35/64″	.54
3 C 1750	1085	6	6	17/64x35/64″	.54
3 C 6035	1086	8	6	17/64x35/64″	.54
3 C 6036	1087	10	6	17/64x35/64″	.54
3 C 6037	1089	15	6	17/64x35/64″	.54
3 C 1751	1090	20	6	17/64x35/64″	.54
3 C 6038	1091	25	6	17/64x47/64″	.54
3 C 1752	1093	35	6	17/64x47/64″	.57
3 C 1006	1095	40	6	17/64x47/64″	.57
3 C 6026	1101	60	6	21/64x47/64″	.75
3 C 6659	1101.5	75	6	21/64x47/64″	.81
3 C 1753	1102	100	6	21/64x55/64	.81
3 C 1754	1103	150	6	25/64x55/64	.81
3 C 1007	1104	200	6	25/64x55/64″	.84
3 C 1008	1105	250	6	25/64x63/64″	.87
3 C 6661	1106	300	6	25/64x1 19/64″	.93
3 C 6044	1127	5	12	17/64x35/64″	.57
3 C 6045	1128	10	12	17/64x35/64″	.57
3 C 1763	1129	15	12	17/64x35/64″	.57
3 C 1013	1130	20	12	17/64x47/64″	.57
C 1765	1131	25	12	17/64x47/64″	.75
43 C 1014	1132	35	12	21/64x47/64″	.75
43 C 1767	1133	50	12	21/64x47/64″	.81
43 C 1768	1134	75	12	21/64x55/64″	.81
43 C 1769	1135	100	12	21/64x55/64″	.81
43 C 1771	1137	200	12	25/64x1 19/64″	.96
43 C 1772	1138	250	12	25/64x1 19/64″	.57
43 C 1018	1154	8	15	17/64x35/64″	.57
43 C 6624	1152	5	15	17/64x35/64″	.57
43 C 1777	1153	6	15	17/64x35/64″	.57
43 C 6630	1159	35	15	21/64x47/64″	.75
43 C 6625	1155	10	15	17/64x35/64″	.57
43 C 6626	1156	15	15	17/64x47/64″	.57
43 C 1019	1157	20	15	17/64x47/64″	.57
43 C 6628	1157.1	25	15	17/64x47/64″	.75
43 C 6629	1158	30	15	21/64x47/64″	.75
43 C 1023	1203.5	8	25	17/64x35/64″	.60
43 C 6631	1160	50	15	21/64x47/64″	.81
43 C 1020	1161	75	15	21/64x55/64″	.81
43 C 6633	1162	100	15	25/64x55/64″	.81
43 C 6634	1163	150	15	25/64x63/64″	87
43 C 6635	1164	200	·15	25/64x1 19/64″	.96
43 C 1779	1200	1	25	17/64x35/64″	.54
43 C 1780	1201	2	25	17/64x35/64″	.57
43 C 1021	1201.1	3	25	17/64x35/64″	.57
43 C 1022	1201.2	4	25	17/64x35/64″	.57
43 C 6046	1202	5	25	17/64x35/64″	.57
43 C 6047	1203	6	25	17/64x35/64″	.57
43 C 6048	1204	10	25	17/64x47/64″	.60
43 C 6049	1205	15	25	17/64x47/64″	.75
43 C 6637	1207	25	25	21/64x47/64″	.81
43 C 6638	1208	35	25	21/64x47/64″	.81
43 C 6639	1209	50	25	21/64x55/64″	.81
43 C 1024	1210	75	25	25/64x55/64″	.87
43 C 6641	1211	100	25	25/64x63/64″	.90
43 C 1784	1300	1	50	17/64x35/64″	.54
43 C 6642	1301	2	50	17/64x35/64″	.54
43 C 1785	1302	3	50	17/64x35/64″	.57
43 C 6643	1302.1	4	50	17/64x35/64″	.57
43 C 1786	1303	5	50	17/64x47/64″	.57
43 C 1025	1303.1	6	50	17/64x47/64″	.81
43 C 1788	1303.3	8	50	17/64x47/64″	.81
43 C 1789	1304	10	50	21/64x47/64″	.81
43 C 1790	1304.2	15	50	21/64x47/64″	.81
43 C 6644	1305	20	50	21/64x55/64″	.81
43 C 6662	1306	35	50	25/64x55/64″	.84
43 C 6645	1307	50	50	25/64x63/64″	.87
43 C 1026	1400	1	100	17/64x35/64″	.81
43 C 1792	1401	2	100	17/64x47/64″	.81
43 C 1794	1403	4	100	21/64x47/64″	.81
43 C 6646	1404	5	100	21/64x55/64″	.81
43 C 1795	1405	6	100	21/64x55/64″	.81
43 C 6647	1407	10	100	25/64x55/64″	.81
43 C 1028	1408	15	100	25/64x63/64″	.84
43 C 6649	1409	20	100	25/64x1 19/64″	.84
43 C 1797	1500	1	150	17/64x35/64″	.84
43 C 1798	1501	2	150	17/64x47/64″	.84
43 C 1029	1502	3	150	21/64x47/64″	.84
43 C 1799	1503	4	150	21/64x55/64″	.84
43 C 6651	1504	5	150	21/64x55/64″	.84
43 C 1800	1505	6	150	25/64x55/64″	.84
43 C 1801	1506	8	150	25/64x55/64″	.84
43 C 6652	1507	10	150	25/64x63/64″	.84

Sprague Twist-Lok and Miniature Electrolytics

TVL "TWIST-LOK" AND PCL "PRINT-LOK" MIDGET CAN CAPACITORS

"Twist-Lok" hermetically sealed aluminum can capacitors. All rated +85°C. Up to 150 WVDC, tolerance is −10%, +100%; above 150 WVDC, −10%, +50%. Can is common negative. Terminals welded to cathode. *PCL "Print-Lok" types printed circuit mountings or std. twist-base mounts. Wit phenolic and metal mounting washers.

Size	Dia. x L	Size	Dia. x L	Size	Dia. x L	Size	Dia. x L	Size	Dia. x L	Size	Dia. x L	Size	Dia
A	¾x2″	C	1x2½″	E	1x3½″	G	1⅜x2″	J	1⅜x3″	L	1⅜x4″	N	1⅜
B	1x2″	D	1x3″	F	1x4″	H	1⅜x2½″	K	1⅜x3½″	M	1x1½″	P	1x

SINGLE SECTION Av. shpg. wt., 1 lb.

Stock No.	Capacity µF	WV DC	TVL-*PCL		EACH
			Type	Size	
43 C 9620	225	15	1160	A	1.05
43 C 9364	1000	15	1165	M	1.53
43 C 9365	2000	15	1168	G	2.07
43 C 9366	3000	15	1170	G	2.55
43 C 9603	4000	15	1173	K	2.25
43 C 9362	500	25	1220	M	1.53
43 C 9363	1000	25	1230	G	2.13
43 C 9357	100	50	1317	A	.99
43 C 9604	250	50	1324	B	1.20
43 C 9359	1000	50	1338	H	2.25
43 C 9360	1500	50	1341	H	2.64
43 C 9062	50	150	1415	M	.99
43 C 9346	100	150	1423	M	1.20
43 C 9063	120	150	1425	B	1.29
43 C 9606	120	150	1426	H	1.29
43 C 9348	140	150	1428	C	1.29
43 C 9349	150	150	1429	D	1.29
43 C 9350	150	150	1430	G	1.29

Stock No.	Capacity µF	WV DC	TVL-*PCL		EACH
			Type	Size	
43 C 9351	200	150	1431	G	1.47
43 C 9064	200	150	1431.1	D	1.47
43 C 9352	300	150	1434	G	1.68
43 C 9065	125	200	1470	C	1.68
43 C 9067	150	200	1471	D	1.68
43 C 9343	160	200	1473	G	1.89
43 C 9341	150	250	1540	G	1.86
43 C 9342	200	250	1547	H	2.19
43 C 9068	200	200	1475	G	1.89
43 C 9069	500	200	1490	L	2.19
43 C 9071	20	250	1509	M	.96
43 C 9073	150	250	1539	D	1.86
43 C 9074	160	250	1541	H	1.86
43 C 9076	160	250	1541.1	F	1.86
43 C 9077	80	300	1573	C	1.53
43 C 9080	100	300	1578	C	1.74
43 C 9081	125	300	1580	H	2.10
43 C 9336	150	300	1584	K	2.10

Stock No.	Capacity µF	WV DC	TVL-*PCL	
			Type	Size
43 C 9337	250	300	1590	J
43 C 9329	40	350	1621	B
43 C 9332	125	350	1638	H
43 C 9333	150	350	1642	H
43 C 9083	250	350	1644.2	K
43 C 9084	320	350	1645	K
43 C 9314	10	450	1705	M
43 C 9316	20	450	1714	B
43 C 9317	30	450	1720	C
43 C 9324	40	450	1725	C
43 C 9325	50	450	1728	C
43 C 9326	80	450	1735	H
43 C 9327	100	450	1750	H
43 C 9328	125	450	1760	J
43 C 9308	20	500	1943	C
43 C 9310	40	500	1950	C
43 C 9085	80	500	1958	H
43 C 9312	90	500	1960	J

DUAL SECTION Av. shpg. wt., 1½ lbs.

43 C 9120	1000-1000	15	2160	C	2.64
43 C 9117	100-100	50	2326	M	1.26
43 C 9102	40-40	150	2428	M	1.14
43 C 9104	50-30	150	*2432	B	1.20
43 C 9105	50-50	150	2435	M	1.29
43 C 9107	80-40	150	2442	G	1.38
43 C 9114	200-5	150	2444	G	1.62
43 C 9403	40-40	250	2520	D	1.50
43 C 9404	150-150	250	2535	H	3.09
43 C 9636	200-200	250	2538	L	3.63
43 C 9090	80-80	300	2585	H	2.43
43 C 9092	150-100	300	2591	J	3.24
43 C 9395	15-15	350	2625	B	1.35
43 C 9396	20-20	350	2626	B	1.38

43 C 9397	30-30	350	2628	C	1.74
43 C 9093	80-80	350	2635	H	2.82
43 C 9639	100-60	350	2639	K	2.88
43 C 9398	100-100	350	2641	J	3.69
43 C 9094	160-10	350	2643	J	2.58
43 C 9095	200-200	350	2645.5	N	3.72
43 C 9641	80-80	400-200	2656	K	2.37
43 C 9096	80-100	450-50	2711	J	2.25
43 C 9098	20-160	450-250	2722.7	H	2.31
43 C 9100	80-200	450-250	2722.8	N	3.45
43 C 9101	80-2	450-350	2738.5	H	2.01
43 C 9376	10-10	450	2750	B	1.14
43 C 9109	30-10	450	2757	C	1.44
43 C 9379	20-20	450	2755	C	1.53

43 C 9382	40-20	450	2762	G
43 C 9383	40-40	450	2764	H
43 C 9384	50-50	450	2767	J
43 C 9386	60-60	450	2772	J
43 C 9387	80-10	450	2776	J
43 C 9389	80-40	450	2778	K
43 C 9110	80-50	450	2778.5	K
43 C 9111	80-80	450	2779	K
43 C 9112	80-160	475-250	2808	N
43 C 9113	20-100	475-400	2813	J
43 C 9369	20-20	500	2935	G
43 C 9370	30-30	500	2937	H
43 C 9371	40-40	500	2940	H
43 C 9372	60-40	500	2944	K

TRIPLE SECTION Av. shpg. wt., 1½ lbs.

Stock No	Capacity µF	WV DC	TVL-*PCL		EACH
			Type	Size	
43 C 9186	40-20-20	150	3437	M	1.44
43 C 9187	40-30-20	150	3438	B	1.50
43 C 9188	40-40-40	150	3440	P	1.56
43 C 9190	50-5C-50	150	3442	B	1.80
43 C 9191	60-40-20	150	3443	P	1.65
43 C 9116	80-40-20	150	3444	B	1.74
43 C 9194	200-100-60	150	3450	H	2.73
43 C 9627	250-200-10	150	3453	L	2.85
43 C 9184	60-200-140	200-150-150	3461.4	J	2.88
43 C 9644	60-5-20	200-200-50	3467	C	1.50
43 C 9118	250-200-10	200	3490	L	3.99
43 C 9700	20-20-20	250	3532	P	1.56
43 C 9119	125-60-40	300-50	3574.6	L	3.12
43 C 9615	60-200-30	350-150-150	3608.6	J	3.00
43 C 9811	125-5-100	350-200-75	3610	J	3.18

Stock No.	Capacity µF	WV DC	TVL-*PCL		EACH
			Type	Size	
43 C 9123	20-20-20	350-25	3635	B	1.74
43 C 9812	30-20-20	350-350-25	3636	B	1.80
43 C 9134	100-60-20	350-200	3639.2	L	3.30
43 C 9820	80-60-60	350	3642	K	3.33
43 C 9140	80-40-100	400-50	3683	J	3.00
43 C 9618	80-40-150	400-400-50	3684	L	3.15
43 C 9163	100-10-80	400-400-350	3689.3	K	3.66
43 C 9141	100-30-20	400	3697	K	3.30
43 C 9153	20-160-40	450-250-150	3711.3	K	2.91
43 C 9159	50-10-160	450-350-250	3719.4	N	4.74
43 C 9160	20-20-20	450-450-25	3739	D	1.83
43 C 9161	40-40-20	450-450-25	3744	H	2.34
43 C 9168	80-65-50	450-50	3754.9	K	3.30
43 C 9157	80-20-100	450-450-50	3757	K	2.88
43 C 9171	50-20-4	450-350	3774.6	E	2.22

Stock No.	Capacity µF	WV DC	TVL-*PCL	
			Type	Size
43 C 9178	10-80-80	400-450	3775.7	N
43 C 9129	10-10-10	450	3776	B
43 C 9179	15-15-15	450	3778.2	C
43 C 9131	20-10-10	450	3779	D
43 C 9132	20-20-20	450	3780	G
43 C 9136	40-40-10	450	3785	H
43 C 9137	40-40-20	450	3786	H
43 C 9138	40-40-40	450	3787	J
43 C 9180	50-20-4	450	3787.5	E
43 C 9139	60-20-20	450	3789	J
43 C 9151	80-40-20	450	3793	J
43 C 9182	10-4-100	475-350-50	3806.6	B
43 C 9826	40-80-10	475-450-450	3816	L
43 C 9124	40-40-100	500-500-200	3935	L
43 C 9122	30-20-20	500	3956	J

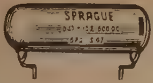
FOUR SECTION Av. shpg. wt., 1½ lbs.

Stock No.	Capacity µF	WVDC	TVL		EACH
			Type	Size	
43 C 9091	60 40 20-200	150 150-150-10	4414	G	2.07
43 C 9079	40-40 40-30	150	4441	G	1.98
43 C 9828	200-200-60-30	175	4450	K	3.33
43 C 9831	10-200-140-30	300-150-150-150	4559	G	3.06
43 C 9072	100 10 200-30	300-300-150-150	4561	K	3.54
43 C 9196	140-10-200-30	300-150	4561.3	K	3.75
43 C 9833	150-30-30 150	300-300-300-50	4574	L	3.66
43 C 9722	40-40-20-10	300	4579	G	2.73
43 C 9197	150-100-10-5	300	4587	L	3.99
43 C 9198	10 20-10-50	350-200-50	4603.13	G	1.80
43 C 9199	5-100-20-100	350-200-25	4603.15	G	2.34
43 C 9853	140-100-20-20	350-300-300-300	4605.3	L	4.62
43 C 9866	160-60-10 4	350-300-300 300	4605.5	L	3.78
43 C 9200	5-20-100-100	350-200-50	4608.12	G	2.55
43 C 9066	60-40 60 20	350 350 200-150	4609	J	3.03
43 C 9202	250-20-20-50	350-25	4622.11	N	3.90
43 C 9211	90-30-5-100	350-75	4625	K	3.69
43 C 9237	70-40-1-50	350-50	4631	J	3.15
43 C 9240	100-40-30-50	350-50	4634	K	3.93
43 C 9872	40 40-40-40	350	4635.3	L	3.60
43 C 9055	80-60-40-20	350	4635.7	K	3.84
43 C 9242	40-80-100-100	400-350-200-50	4653	K	3.87
43 C 9052	40-80-100-25	400-350-200-50	4654	K	3.57
43 C 9244	40-80-10-100	400-350-200	4661.4	K	3.72
43 C 9251	80-40 100 20	400-50-25	4663.4	H	3.33
43 C 9253	100-10-30-20	400-50	4663.5	G	3.06
43 C 9255	80-40-10-20	400-25	4669	J	3.18
43 C 9873	100-10-20-20	400-400-350-50	4666.2	J	4.92
43 C 9050	80 40-30-40	400-400-400-25	4670	K	3.57
43 C 9875	80-40-10-100	400-400-400-200	4671.2	L	3.81
43 C 9876	80-40-30-4	400-400-400-350	4672	L	3.54
43 C 9256	20-160-50 50	450-250-75-50	4701.3	K	3.21
43 C 9264	80 20-100-25	450 350 25	4705.3	H	2.76

Stock No.	Capacity µF	WVDC	TVL	
			Type	Size
43 C 9300	10-140-100 20	450 350 300	4705.9	K
43 C 9301	50-20-4-40	450-150-25	4712.9	G
43 C 9305	50-40-4-40	450-150-25	4712.10	G
43 C 9313	80-30-20-50	450-250-50	4714.2	J
43 C 9318	30-20-160-40	450-250 150	4714.4	K
43 C 9319	30-50-100-250	450-250-50	4714.5	K
43 C 9334	80-50-20-50	450-250 50	4714.6	K
43 C 9335	30-20-160-10	450-250	4714.10	K
43 C 9354	30-20-4-200	450-350-250	4716.4	K
43 C 9878	40-40-30-30	450-450-350-350	4720	L
43 C 9043	40-30-10-20	450-450-450-25	4734	J
43 C 9046	40-40-40-40	450-450-450-25	4739	J
43 C 9380	80-50-10-20	450-25	4739.9	K
43 C 9385	20-30-80-40	450-150	4754	K
43 C 9388	30-20-10-20	450-350	4757.12	G
43 C 9031	10-10-10-10	450	4760	G
43 C 9033	20-20-20-20	450	4763	H
43 C 9034	30-30-20-20	450	4769.4	J
43 C 9036	40-40-20-20	450	4773	H
43 C 9037	40-40-30-30	450	4774	L
43 C 9038	40-40-40-40	450	4775	K
43 C 9887	20-80-20-10	475-300 300-300	4801	K
43 C 9896	10-80-40-100	475-400-400-50	4805.2	L
43 C 9391	80-4-4-200	475-450-25	4813.2	J
43 C 9392	50-18-4-40	475 150-25	4814.7	G
43 C 9399	100-4-4-200	475-25	4818.5	K
43 C 9400	80-4-4-4	475-450	4820.3	H
43 C 9406	50-40-4-40	475-150-25	4820.4	J
43 C 9408	80-80-4-4	475 450	4820.5	K
43 C 9023	20-20-10-10	475	4832	H
43 C 9024	20-20-20-20	475	4834	H
43 C 9025	40-20-10-10	475	4840	H
43 C 9020	10 10-10 10	500	4940	G

Sprague Capacitors and Assortments

"ORANGE DROP" CAPACITORS "MYLAR"-PAPER



ompact dual dielecric "Orange Drops" ombine best features of Mylar and special apacitor tissue. Rock-hard case with spaceaving radial leads. Double-dipped in range epoxy resin for protection from exessive heat and humidity. Outer foil leads ientified by black striping. Temperature ange, —40°C to +80°C; can operate to 25°C with proper voltage derating. Tolernce, ±10%. Shpg. wt., 2 oz.

TYPE 225P RECTANGULAR

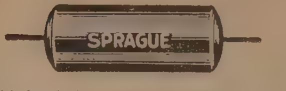
ize, height by thickness. 45/64" long, except 3/4", †1 3/16".

Stock No.	Mfr's Type	µF	WV DC	Size Inches	EA.
3 C 3570	1549R75	.15*	75	5/8x25/64	.21
3 C 3571	2249R75	.22*	75	43/64x27/64	.27
3 C 3572	3349R75	.33*	75	27/32x31/64	.33
3 C 3573	4749R75	.47*	75	27/32x19/32	.39
3 C 3574	6849R75	.68†	75	29/32x19/32	.54
3 C 3575	1059R75	1.0†	75	63/64x47/64	.66
3 C 3576	10291	.001	100	5/16x13/64	.15
3 C 3577	15291	.0015	100	5/16x13/64	.15
3 C 3578	22291	.0022	100	5/16x13/64	.15
3 C 3579	33291	.0033	100	5/16x13/64	.15
3 C 3580	47291	.0047	100	5/16x13/64	.15
3 C 3581	68291	.0068	100	5/16x13/64	.15
3 C 3582	10391	.01	100	5/16x13/64	.15
3 C 3630	15391	.015	100	5/16x13/64	.15
3 C 3600	22391	.022	100	5/16x13/64	.15
3 C 3601	33391	.033	100	21/64x15/64	.15
3 C 3603	39391	.039	100	11/32x1/4	.15
3 C 3605	47391	.047	100	11/32x1/4	.15
3 C 3608	56391	.056	100	3/8x9/32	.18
3 C 3609	68391	.068	100	3/8x9/32	.18
3 C 3611	82391	.082	100	17/32x21/64	.18
3 C 3618	10491	.1	100	17/32x21/64	.18

TYPE 220P TUBULAR

3 C 3017	2PS-S20	.02	200	3/8x7/8	.15
3 C 3018	2PS-S47	.047	200	29/64x7/8	.15
3 C 3019	2PS-S50	.05	200	15/32x7/8	.15
3 C 3020	2PS-P10	.1	200	31/64x1 3/16	.21
3 C 3138	2PS-P20	.2	200	19/32x1 5/16	.24
3 C 3021	2PS-P25	.25	200	5/8x1 5/16	.24
3 C 7917	2PS-P33	.33	200	5/8x1 5/8	.30
3 C 7912	2PS-P47	.47	200	45/64x1 5/8	.36
3 C 3022	2PS-P50	.5	200	23/32x1 5/8	.36
3 C 3023	4PS-S10	.01	400	13/32x11/16	.15
3 C 3024	4PS-S20	.02	400	13/32x7/8	.15
3 C 3026	4PS-S47	.047	400	29/64x1 3/16	.18
3 C 3027	4PS-S50	.05	400	29/64x1 3/16	.18
3 C 7911	4PS-S68	.068	400	33/64x1 3/16	.21
3 C 3028	4PS-P10	.1	400	37/64x1 3/16	.21
3 C 3029	4PS-P20	.2	400	19/32x1 5/8	.27
3 C 3030	4PS-P22	.22	400	39/64x1 5/8	.27
3 C 3031	4PS-P25	.25	400	41/64x1 5/8	.30
3 C 3032	6PS-D10	.001	600	21/64x11/16	.15
3 C 3033	6PS-D15	.0015	600	21/64x11/16	.15
3 C 3034	6PS-D20	.002	600	21/64x11/16	.15
3 C 7926	6PS-D25	.0025	600	21/64x11/16	.15
3 C 7914	6PS-D33	.0033	600	23/64x11/16	.15
3 C 7928	6PS-D39	.0039	600	3/8x11/16	.15
3 C 3043	6PS-D47	.0047	600	25/64x11/16	.15
3 C 3049	6PS-D50	.005	600	25/64x11/16	.15
3 C 7929	6PS-D56	.0056	600	25/64x11/16	.15
3 C 3051	6PS-D68	.0068	600	13/32x11/16	.18
3 C 7930	6PS-D82	.0082	600	3/8x7/8	.18
3 C 3052	6PS-S10	.01	600	25/64x7/8	.18
3 C 3053	6PS-S15	.015	600	27/64x7/8	.18
3 C 3054	6PS-S20	.02	600	31/64x7/8	.18
3 C 3055	6PS-S22	.022	600	31/64x7/8	.18
3 C 7901	6PS-S25	.025	600	17/32x7/8	.21
3 C 7935	6PS-S33	.033	600	15/32x1 3/16	.21
3 C 7936	6PS-S39	.039	600	31/64x1 3/16	.21
3 C 3058	6PS-S47	.047	600	17/32x1 3/16	.24
3 C 3059	6PS S50	.05	600	17/32x1 3/16	.24
3 C 7904	6PS-S56	.056	600	35/64x1 3/16	.24
3 C 7905	6PS-S68	.068	600	37/64x1 3/16	.27
3 C 3143	6PS-S82	.082	600	37/64x1 5/16	.27
3 C 3060	6PS-P10	.1	600	5/8x1 5/16	.27
3 C 7913	6PS-P15	.15	600	43/64x1 5/8	.30
3 C 3061	6PS-P20	.2	600	3/4x1 5/8	.39
3 C 7908	6PS-P22	.22	600	25/32x1 5/8	.42
3 C 3062	6PS-P25	.25	600	13/16x1 5/8	.45
3 C 3063	10PS-D10	.001	1000	21/64x11/16	.30
3 C 3067	10PS-D50	.005	1000	13/32x7/8	.30

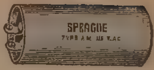
"BLACK BEAUTY" "MYLAR" PAPER TELECAPS



Molded tubular capacitors built to withstand high heat and humidity. Impregnated Mylar/paper dielectric will not leak. 200 to 1600 volt types operate to 105°C without derating; 6000 volt up, to 85°C. 6000 volt types are oil impregnated. ±10%. Wt., 3 oz.

Stock No.	Mfr's Type	µF	WV DC	Size Dia.xL.	EA.
43 C 5119	2TM-S10	.01	200	5/16x1"	.18
43 C 5120	2TM-S20	.02	200	3/8x1 1/4"	.18
43 C 5149	2TM-S47	.047	200	7/16x1 1/4"	.21
43 C 5121	2TM-S50	.05	200	7/16x1 1/4"	.21
43 C 5122	2TM-P10	.1	200	1/2x1 1/2"	.21
43 C 5145	2TM-P15	.15	200	1/2x1 1/2"	.24
43 C 5146	2TM-P22	.22	200	5/8x1 7/8"	.33
43 C 5147	2TM-P25	.25	200	5/8x1 7/8"	.36
43 C 5148	2TM-P47	.47	200	3/4x2 1/4"	.42
43 C 5123	2TM-P50	.5	200	3/4x2 1/4"	.75
43 C 5124	2TM-M1	1.0	200	3/4x2 1/4"	1.05
43 C 5118	4TM-D10	.001	400	5/16x1"	.18
43 C 5117	4TM-D50	.005	400	5/16x1"	.18
43 C 5125	4TM-S10	.01	400	3/8x1 1/4"	.18
43 C 5001	4TM-S15	.015	400	3/8x1 1/4"	.18
43 C 5126	4TM-S20	.02	400	3/4x1 1/4"	.18
43 C 5002	4TM-S25	.025	400	7/16x1 1/4"	.21
43 C 5014	4TM-S47	.047	400	7/16x1 1/4"	.21
43 C 5127	4TM-S50	.05	400	7/16x1 1/4"	.24
43 C 5128	4TM-P10	.1	400	1/2x1 1/2"	.24
43 C 5011	4TM-P15	.15	400	5/8x1 7/8"	.33
43 C 5521	4TM-P20	.2	400	5/8x1 7/8"	.36
43 C 5012	4TM-P22	.22	400	5/8x1 7/8"	.36
43 C 5129	4TM-P25	.25	400	3/4x2 1/4"	.54
43 C 5005	4TM-P47	.47	400	3/4x2 1/4"	.63
43 C 5010	4TM-P50	.5	400	3/4x2 1/4"	.75
43 C 5009	4TM-M1	1.0	400	1x2 1/2"	1.26
43 C 6250	6TM-T10	.0001	600	5/16x1"	.18
43 C 6251	6TM-T25	.00025	600	5/16x1"	.18
43 C 6253	6TM-T50	.0005	600	5/16x1"	.18
43 C 5070	6TM-D10	.001	600	5/16x1"	.18
43 C 5084	6TM-D15	.0015	600	5/16x1"	.18
43 C 5071	6TM-D20	.002	600	5/16x1"	.18
43 C 5095	6TM-D25	.0025	600	5/16x1"	.18
43 C 5072	6TM-D30	.003	600	5/16x1"	.18
43 C 5073	6TM-D40	.004	600	3/8x1 1/4"	.18
43 C 5093	6TM-D47	.0047	600	3/8x1 1/4"	.18
43 C 5074	6TM-D50	.005	600	3/8x1 1/4"	.21
43 C 6254	6TM-D68	.0068	600	3/8x1 1/4"	.21
43 C 5076	6TM-S10	.01	600	3/8x1 1/4"	.18
43 C 5094	6TM-S15	.015	600	3/8x1 1/4"	.21
43 C 5077	6TM-S20	.02	600	7/16x1 1/4"	.21
43 C 6255	6TM-S22	.022	600	7/16x1 1/4"	.21
43 C 5096	6TM-S25	.025	600	7/16x1 1/4"	.21
43 C 5078	6TM-S30	.03	600	7/16x1 1/4"	.21
43 C 5079	6TM-S40	.04	600	1/2x1 1/2"	.24
43 C 5098	6TM-S47	.047	600	1/2x1 1/2"	.24
43 C 5080	6TM-S50	.05	600	1/2x1 1/2"	.27
43 C 5081	6TM-S60	.06	600	1/2x1 1/2"	.27
43 C 5007	6TM-S68	.068	600	1/2x1 1/2"	.27
43 C 5082	6TM-P10	.1	600	5/8x1 7/8"	.33
43 C 5524	6TM-P15	.15	600	5/8x1 7/8"	.45
43 C 5525	6TM-P20	.2	600	3/4x2 1/4"	.60
43 C 5008	6TM-P22	.22	600	3/4x2 1/4"	.60
43 C 5083	6TM-P25	.25	600	3/4x2 1/4"	1.02
43 C 6260	6TM-P50	.5	600	1x2 1/2"	1.05
43 C 6261	6TM-M1	1.0	600	1x2 1/2"	1.38
43 C 5928	10TM-T50	.0005	1000	5/16x1"	.30
43 C 5929	10TM-D10	.001	1000	5/16x1"	.30
43 C 5936	10TM-D50	.005	1000	3/8x1 1/4"	.35
43 C 5938	10TM-S10	.01	1000	7/16x1 1/4"	.35
43 C 5945	10TM-S50	.05	1000	5/8x1 7/8"	.60
43 C 5947	10TM-P10	.1	1000	3/4x2 1/4"	.95
43 C 5019	MB-D1	.001	1600	3/8x1 1/4"	.21
43 C 5161	MB-D5	.005	1600	1/2x1 1/2"	.30
43 C 5166	MB-S1	.01	1600	5/8x1 7/8"	.39
43 C 5168	MB-S2	.02	1600	5/8x1 7/8"	.45
43 C 6277	MB-S3	.03	1600	3/4x2 1/4"	.63
43 C 6278	MB-S4	.04	1600	3/4x2 1/4"	.69
43 C 6281	MB-S5	.05	1600	3/4x2 1/8"	.93
43 C 5850	TVM-356	.0005	6000	9/16x1 7/8"	.81
43 C 5851	TVM-216	.001	6000	9/16x1 7/8"	.81
43 C 5852	TVM-256	.005	6000	11/16x2 1/4"	.81
43 C 5853	TVM-351	.0005	10000	11/16x2 1/4"	.90

TYPE AB MOTOR-STARTING CAPACITORS



Electrolytic capacitors for replacement in 110-volt AC capacitor-start motors. Intermittent duty. Hermetically sealed aluminum can with insulating cardboard for protection against moisture, dirt, grease. Lug terminals. Screws removable for solder connections. *Minimum and maximum capacitance values replaceable with these units. Type AB-1109 is for 1/8-hp motors; AB-1110, 1/6 hp; AB-1113 and AB-1116, 1/4 hp; AB-1125, 1/3 hp; AB-1131, 1/2 hp; AB-1146, 3/4 and 1 hp. Shpg. wt., 10 oz.

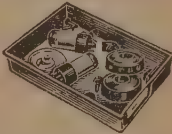
SIZE TABLE

From AB-	To AB-	Dia.	Lgth.
1104	1122	1 7/16"	2 3/4"
1125	1130	1 7/16"	3 3/8"
1131	1149	1 13/16"	3 3/8"
1152	1161	2 1/16"	4 3/8"

Stock No.	Type	*µF	EACH
43 C 5529	AB-1104	38-46	.76
43 C 5530	AB-1105	43-53	.76
43 C 5531	AB-1107	53-64	.77
43 C 5532	AB-1108	64-77	.81
43 C 5533	AB-1109	72-88	.83
43 C 5534	AB-1110	88-108	.78
43 C 5535	AB-1113	108-130	.86
43 C 5536	AB-1116	124-149	.89
43 C 5537	AB-1119	130-156	.89
43 C 5538	AB-1122	145-175	.96
43 C 5539	AB-1125	161-193	.98
43 C 5540	AB-1128	189-227	1 13
43 C 5541	AB-1130	200-240	1.17
43 C 5542	AB-1131	215-259	1.22
43 C 5543	AB-1134	233-280	1.35
43 C 5544	AB-1137	243-292	1.41
43 C 5545	AB-1140	270-324	1.43
43 C 5546	AB-1142	324-388	1.62
43 C 5547	AB-1143	340-408	1.67
43 C 5548	AB-1146	378-440	1.80
43 C 5549	AB-1149	400-480	1.82
43 C 5550	AB-1152	430-516	2.09
43 C 5552	AB-1158	560-648	2.45
43 C 5553	AB-1161	590-708	2.66

CAPACITOR ASSORTMENTS WITH HIGH-IMPACT PLASTIC JOB TRAYS

Get This Handy Job-Tray FREE With Either of the Capacitor Assortments Listed Below

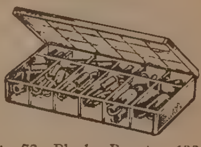


TK-26 Assortment. Has 40 "Black Beauty" molded tubulars plus job tray. Consists of 5 each—.001, .002, .005, .01, .02, .047, .05, and .1 µF. 600 WVDC. Wt., 1½ lbs.
43 C 9291 .... **7.80**

TK-27 Assortment. 40 "Orange Drop" tubular capacitors plus job tray. Consists of 5 each —.001, .0047, .005, .01, .02, .047, .05, and .1. Rated 600 WVDC. Shpg. wt., 1½ lbs.
43 C 9292 .... **7.80**

CAPACITOR ASSORTMENTS WITH CLEAR-PLASTIC SECTIONED CASES

Clear Plastic Case (1¾x11x6½") FREE with Each Assortment



TK-1 Assortment. 72 Black Beauty 600 WVDC. Includes: 5—.001, 5—.002, 2—.0047, 8—.005, 15—.01, 8—.02, 2—.03, 5—.047, 12—.05, 8—.1, 2—.25 µF. Wt., 2 lbs.
43 C 3507 .... **17.76**

TK-12 Assortment. 70 Orange Drops in the 10 most popular ratings. All at 600 WVDC. Includes: 8—.001, 5—.0022, 3—.0047, 6—.005, 16—.01, 2—.02, 5—.03, 5—.047, 12—.05, 8—.1 µF. Shpg. wt., 2 lbs.
43 C 1168 .... **13.83**

Electrolytic Capacitors and Hardware

SPRAGUE 36D "POWERLYTIC" ELECTROLYTICS

SPRAGUE
POWERLYTIC
TYPE 36D

Computer quality. Low effective series resistance, leakage currents. Extremely long life. Withstand MIL conditions including −55°C to +85°C storage. Aluminum can in molded cover 9⁄32″ term. tapped for 10-32 screws. Temp., 20° to +85°C. Tol., 3 to 50 WVDC, −10%, +75%; 51 to 450 WVDC, −10%, +50%. 1½ lbs.

*CAPACITOR SIZE CHART

*	Dia. x Lgth.	*	Dia. x Lgth.
A	1⁷⁄₁₆x2½″	E	2¹⁄₁₆x4½″
B	1⁷⁄₁₆x3½″	F	2⁹⁄₁₆x4½″
C	1⁷⁄₁₆x4½″	G	3¹⁄₁₆x4½″
D	2⁷⁄₁₆x3½″		

Stock No.	Type 36D . . 2A	µF	WV DC	*	EACH
43 C 5023	602G010AA	6000	10	A	1.85
43 C 5025	123G010AB	12000	10	B	2.23
43 C 5032	462G015AA	4600	15	A	1.85
43 C 5156	922G015AB	9200	15	B	2.58
43 C 5154	133G015AC	13000	15	C	2.24
43 C 5035	213G015BB	21000	15	D	3.45
43 C 5041	272G025AA	2700	25	A	1.85
43 C 5042	552G025AB	5500	25	B	2.24
43 C 5050	822G025AC	8200	25	C	2.59
43 C 5051	183G025BC	18000	25	F	4.18
43 C 5058	552G040AC	5500	40	C	2.60
43 C 5059	842G040BB	8400	40	D	3.50
43 C 5063	132G050AA	1300	50	A	1.86
43 C 5064	262G050AB	2600	50	B	2.26
43 C 5065	392G050AC	3900	50	C	2.61
43 C 5066	602G050BB	6000	50	D	3.52
43 C 5067	902G050BC	9000	50	E	4.27
43 C 5068	153G050CC	15000	50	F	6.24
43 C 5069	223G050DC	22000	50	G	8.09
43 C 5085	252F075AC	2500	75	C	2.62
43 C 5086	392F075BB	3900	75	D	3.53
43 C 5087	592F075BC	5900	75	E	4.28
43 C 5091	451F100AA	450	100	A	1.86
43 C 5097	132F100AC	1300	100	C	2.60
43 C 5099	302F100BC	3000	100	E	4.24

Stock No.	Type 36D . . 2A	µF	WV DC	*	E
43 C 5100	532F100CC	5300	100	F	
43 C 5102	301F150AA	300	150	A	
43 C 5103	901F150AC	900	150	C	
43 C 5104	142F150BB	1400	150	D	
43 C 5105	212F150BC	2100	150	E	
43 C 5107	532F150DC	5300	150	G	
43 C 5109	251F200AA	250	200	A	
43 C 5110	431F200AB	430	200	B	
43 C 5111	641F200AC	640	200	C	
43 C 5112	142F200BC	1400	200	E	
43 C 5116	531F250AC	530	250	C	
43 C 5130	122F250BC	1200	250	E	
43 C 5131	302F250DC	3000	250	G	
43 C 5133	241F300AB	240	300	B	
43 C 5134	821F300BC	820	300	E	
43 C 5136	950F350AA	95	350	A	
43 C 5137	191F350AB	190	350	B	
43 C 5138	421F350BB	420	350	D	
43 C 5144	500F450AA	50	450	A	
43 C 5150	141F450AC	140	450	C	
43 C 5151	221F450BB	220	450	D	
43 C 5152	331F450BC	330	450	E	

SPRAGUE 39D "POWERLYTIC" ELECTROLYTICS

Low series resistance, leakage current. Temp., −20°C to +85°C. Tol., 3 to 50 WVDC, −10%, +75%; 150 to 450 WVDC, −10%, +50%. 2½″ leads. Av. shpg. wt., 4 oz.

*CAPACITOR SIZE CHART

*	Dia. x Lgth.	*	Dia. x Lgth.
A	⁹⁄₁₆x1¼″	K	¹⁵⁄₁₆x1¼″
B	⁹⁄₁₆x1¾″	L	¹⁵⁄₁₆x2¼″
C	⁹⁄₁₆x2¼″	M	¹⁵⁄₁₆x2¾″
D	¹¹⁄₁₆x1¾″	N	¹⁵⁄₁₆x3¼″
E	¹¹⁄₁₆x2¼″	O	1¹⁄₁₆x1¼″
F	¹¹⁄₁₆x2¾″	P	1¹⁄₁₆x2¼″
G	¹³⁄₁₆x1¼″	Q	1¹⁄₁₆x2¾″
H	¹³⁄₁₆x1¾″	R	1¹⁄₁₆x3¼″
I	¹³⁄₁₆x2¼″	S	1¹⁄₁₆x3¾″
J	¹³⁄₁₆x2¾″		

Stock No.	Type 39D	µF	WV DC	*	EA.
43 C 6484	138G003EL4	1300	3	C	1.67
43 C 6485	218G003HE4	2100	3	K	1.74
43 C 6487	578G003GP4	5700	3	J	2.01
43 C 6488	109G003HS4	10000	3	N	2.52
43 C 6490	607G006EJ4	600	6	B	1.62
43 C 6491	108G006GE4	1000	6	G	1.68
43 C 6492	208G006GJ4	2000	6	H	1.79
43 C 6493	408G006GP4	4000	6	J	2.01
43 C 6495	109G006JS4	10000	6	R	2.91
43 C 6496	507G010EJ4	500	10	B	1.62
43 C 6497	108G010FJ4	1000	10	D	1.71
43 C 6498	168G010FL4	1600	10	E	1.77
43 C 6499	258G010GL4	2500	10	I	1.95
43 C 6504	607G015EL4	600	15	C	1.67
43 C 6505	128G015FL4	1200	15	E	1.77
43 C 6507	258G015GP4	2500	15	J	2.01
43 C 6509	408G015JL4	4000	15	P	2.43
43 C 6511	207F025EJ4	200	25	B	1.62
43 C 6512	507G025HE4	500	25	K	1.74
43 C 6513	108G025GL4	1000	25	I	1.95
43 C 6514	228G025HP4	2200	25	M	2.07
43 C 6515	408G025JT4	4000	25	S	3.15
43 C 6516	756G030EF4	75	30	A	1.59
43 C 6517	157G030EJ4	150	30	B	1.62
43 C 6518	257G030EL4	250	30	C	1.67
43 C 6519	507G030FL4	500	30	E	1.77
43 C 6523	118G030GP4	1100	30	J	2.01
43 C 6524	218G030HS4	2100	30	N	2.52

Stock No.	Type 39D	µF	WV DC	*
43 C 6528	107G050EJ4	100	50	B
43 C 6529	157G050FL4	150	50	C
43 C 6531	257G050HE4	250	50	K
43 C 6533	507G050GL4	500	50	I
43 C 6534	118G050HP4	1100	50	M
43 C 6537	238G050JT4	2300	50	S
43 C 6538	256F150EJ4	25	150	B
43 C 6539	506F150FJ4	50	150	D
43 C 6540	107F150FP4	100	150	F
43 C 6541	257F150HP4	250	150	M
43 C 6543	206F250EL4	20	250	C
43 C 6544	506F250JE4	50	250	O
43 C 6545	107F250HL4	100	250	L
43 C 6547	207F250JP4	200	250	Q
43 C 6549	206F350FL4	20	350	E
43 C 6550	306F350FP4	30	350	F
43 C 6551	406F350GL4	40	350	I
43 C 6553	506F350GP4	50	350	J
43 C 6554	107F350HS4	100	350	N
43 C 6556	505F450EL4	5	450	C
43 C 6558	106F450FL4	10	450	E
43 C 6561	206F450GL4	20	450	I
43 C 6563	506F450JP4	50	450	Q

MALLORY TYPE MTV ALUMINUM ELECTROLYTIC CAPACITORS

MALLORY
500 MFD. 75 VDC
MTV

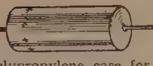
Molded tubulars in moisture-tight plastic case. 3 molded standoff mounts for PC boards. #20 AWG leads, spaced .200″. Temp. range, −30° to +65°C continuous; to +85°C intermittent. 1000 hour life test at 65°C. Capacity tol., ±10%. +100% at 25°C, 120 Hz. Case size indicated in Mfr's type. See table at right. Av. shpg. wt., 1 oz.

Case	Dia.xL.	Case	Dia.xL.	Case	Dia
CB	⅜x1³⁄₁₆″	CP	⅜x1⁹⁄₁₆″	DN	½x
CD	⅜x1⁵⁄₁₆″	DE	½x1″		
CF	⅜x1¹⁄₁₆″	DJ	½x1¼″		

Stock No.	Type MTV-	µF	WV DC	EACH
43 C 2664	1000DN3	1000	3	.60
43 C 2665	100CB6	100	6	.42
43 F 2669	400DE6	400	6	.48
43 C 2670	500DJ6	500	6	.54
43 C 2672	70CB10	70	10	.42
43 C 2673	100CD10	100	10	.42
43 C 2675	250CP10	250	10	.48
43 C 2676	300DE10	300	10	.54
43 C 2677	400DJ10	400	10	.56
43 C 2679	50CB15	50	15	.42
43 C 2682	90CD15	90	15	.42
43 C 2683	100CF15	100	15	.42
43 C 2686	250DE15	250	15	.54
43 C 2687	400DJ15	400	15	.60
43 C 2688	500DN15	500	15	.60
43 C 2690	50CD25	50	25	.42
43 C 2693	100CP25	100	25	.48
43 C 2694	200DJ25	200	25	.60
43 C 2695	250DN25	250	25	.60
43 C 2697	50CF35	50	35	.48
43 C 2699	100DE35	100	35	.54
43 C 2701	200DN35	200	35	.60
43 C 2702	1CB50	1	50	.40
43 C 2703	2CB50	2	50	.40

Stock No.	Type MTV-	µF	WV DC	E
43 C 2704	3CB50	3	50	
43 C 2705	4CB50	4	50	
43 C 2706	5CB50	5	50	
43 C 2707	6CB50	6	50	
43 C 2710	10CB50	10	50	
43 C 2711	15CD50	15	50	
43 C 2712	20CD50	20	50	
43 C 2713	25CF50	25	50	
43 C 2750	50DE50	50	50	
43 C 2752	100DN50	100	50	

MALLORY TYPE MTA TUBULAR ALUMINUM ELECTROLYTICS



Special precision molding process ensures case uniformity, higher than average quality. Polypropylene case for humidity protection. Welded construction. Temp. range., −20°C to +65°C. Cap. tol., −10%, +100%. 2 oz.

CASE SIZES

*Code Letter	Size Dia. x Length
A	⁵⁄₁₆x¾″
B	⅜x1″
C	½x1⅜″

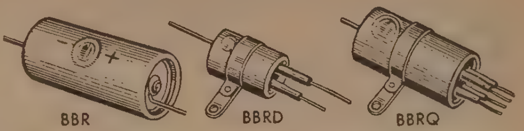
Stock No.	Type MTA-	µF	WV DC	Size*	EACH
43 C 0405	60D3	60	3	A	.36
43 C 0406	175E3	175	3	B	.45
43 C 0407	600F3	600	3	C	.45
43 C 0408	50D6	50	6	A	.36
43 C 0409	125E6	125	6	B	.40
43 C 0410	150E6	150	6	B	.40
43 C 0411	450F6	450	6	C	.51
43 C 0412	500F6	500	6	C	.51
43 C 0413	40D10	40	10	A	.36
43 C 0415	100E10	100	10	B	.40
43 C 0416	200F10	200	10	C	.45
43 C 0418	30D15	30	15	A	.36
43 C 0419	35D15	35	15	A	.36
43 C 0420	50E15	50	15	B	.40
43 C 0431	100E15	100	15	B	.40
43 C 0433	300F15	300	15	C	.63
43 C 0434	350F15	350	15	C	.63
43 C 0435	25D20	25	20	A	.36
43 C 0441	60E20	60	20	B	.40
43 C 0445	70E20	70	20	B	.40
43 C 0447	50E25	50	25	B	.40
54 C 0452	175F25	175	25	C	.54
43 C 0456	20D30	20	30	A	.36
43 C 0457	40E30	40	30	B	.40
43 C 0460	15D35	15	35	A	.36
43 C 0461	25E35	25	35	B	.40
43 C 0462	30E25	30	35	B	.40
43 C 0463	35E35	35	35	B	.40

Stock No.	Type MTA-	µF	WV DC	Size*	E
43 C 0465	100F35	100	35	C	
43 C 0481	125F35	125	35	C	
43 C 0482	150F35	150	35	C	
43 C 0483	1D50	1	50	A	
43 C 0484	2D50	2	50	A	
43 C 0485	3D50	3	50	A	
43 C 0486	4D50	4	50	A	
43 C 0487	5D50	5	50	A	
43 C 0488	6D50	6	50	A	
43 C 0489	7D50	7	50	A	
43 C 0490	8D50	8	50	A	
43 C 0492	10E50	10	50	B	
43 C 0493	15E50	15	50	B	
43 C 0494	20E50	20	50	B	
43 C 0495	25F50	25	50	C	
43 C 0501	30F50	30	50	C	
43 C 0505	35F50	35	50	C	
43 C 0506	40F50	40	50	C	
43 C 0524	50F50	50	50	C	
43 C 0525	60F50	60	50	C	
43 C 0526	70F50	70	50	C	
43 C 0529	80F50	80	50	C	

Cornell-Dubilier and Mallory Capacitors

CORNELL-DUBILIER "BLUE BEAVER" TUBULAR ELECTROLYTICS

Tubular electrolytic capacitors specifically designed for service re-lacement applications. Especially popular for cramped space installa-ions in TV receivers, hearing aids, miniature radios and other small ssemblies. All are hermetically sealed in aluminum cans for protec-ion against heat and humidity, and have cardboard outer sleeves. All have a common negative terminal which is grounded to the can. Rated or operation up to +85° C, except 500 volt types which are rated for emperatures up to +65° C. Av. shpg. wt., 6 oz.



BR/BBR SINGLE SECTION

Stock No.	Type	µF	WV	Size In.	EA.
43 C 9203	25-6	25	6	3/8x1 1/16	.51
43 C 9204	50-6	50	6	3/8x1 1/16	.57
43 C 9205	100-6	100	6	1/8x1 1/16	.72
43 C 9206	250 6	250	6	1/2x1 1/16	.81
43 C 9285	500-6	500	6	1 1/2x1 7/16	.93
43 C 9286	1000-6	1000	6	5/8x1 11/16	1.14
43 C 9287	2000-6	2000	6	3/4x2	1.38
43 C 9207	100-15	100	15	1/2x1 1/16	.75
43 C 9272	250-15	250	15	1/2x1 1/16	.93
43 C 9273	500-15	500	15	1/2x1 7/16	1.05
43 C 9274	1000-15	1000	15	5/8x1 11/16	1.38
43 C 9284	2000-15	2000	15	3/4x2	1.92
43 C 9216	10-25	10	25	3/8x1 1/16	.60
43 C 9217	20-25	20	25	3/8x1 1/16	.60
43 C 9218	25-25	25	25	3/8x1 1/16	.60
43 C 9219	50-25	50	25	1/2x1 1/16	.66
43 C 9208	100-25	100	25	1/2x1 1/16	.81
43 C 9270	250-25	250	25	1/2x1 7/16	1.02
43 C 9271	500-25	500	25	5/8x1 11/16	1.38
43 C 9222	5-50	5	50	3/8x1 1/16	.60
43 C 9223	10-50	10	50	3/8x1 1/16	.60
43 C 9224	25-50	25	50	1/2x1 1/16	.63
43 C 9147	100-50	100	50	1/2x1 7/16	.84
43 C 9148	150-50	150	50	5/8x1 7/16	.93
43 C 9149	250-50	250	50	3/4x1 7/16	1.05
43 C 9269	500-50	500	50	7/8x1 11/16	1.44
43 C 9214	4-150	4	150	3/8x1 1/16	.60
43 C 9249	8-150	8	150	1/2x1 1/16	.63
43 C 9226	10-150	10	150	1/2x1 1/16	.63
43 C 9247	12-150	12	150	1/2x1 1/16	.66
43 C 9248	16-150	16	150	1/2x1 7/16	.69
43 C 9225	20 150	20	150	1/2x1 7/16	.72
43 C 9145	25-150	25	150	3/4x1 7/16	.75
43 C 4045	30-150	30	150	3/4x1 7/16	.78
43 C 4046	40-150	40	150	3/4x1 11/16	.81
43 C 4047	50-150	50	150	3/4x1 11/16	.84
43 C 9146	16-150	60	150	3/4x1 11/16	.90
43 C 4039	80-150	80	150	7/8x1 11/16	.96
43 C 4056	100-150	100	150	7/8x2	1.05
43 C 4057	150 150	150	150	1x2 3/16	1.14
43 C 4542	200-150	200	150	1x3	1.32
43 C 4543	300 150	300	150	1x3 13/16	1.77
43 C 9227	4-250	4	250	1/2x1 1/16	.60

BR/BBR SINGLE SECTION (Cont'd)

Stock No.	Type	µF	WV	Size In.	EA.
43 C 9228	8-250	8	250	1/2x1 7/16	.69
43 C 9229	12-250	12	250	1/2x1 7/16	.75
43 C 4033	16-250	16	250	3/4x1 7/16	.78
43 C 4034	20 250	20	250	3/4x1 7/16	.81
43 C 9142	30-250	30	250	3/4x1 11/16	.87
43 C 4035	40-250	40	250	3/4x2	.93
43 C 9143	50-250	50	250	7/8x1 11/16	1.02
43 C 9144	60-250	60	250	1x1 11/16	1.08
43 C 4020	4-350	4	350	5/8x1 1/16	.63
43 C 4021	8-350	8	350	5/8x1 7/16	.72
43 C 4022	12-350	12	350	3/4x1 7/16	.78
43 C 4023	16-350	16	350	3/4x1 7/16	.84
43 C 4018	20-350	20	350	3/4x1 7/16	.87
43 C 4019	30-350	30	350	3/4x2	.99
43 C 4026	40-350	40	350	7/8x2	1.05
43 C 4544	60-350	60	350	1x2	1.17
43 C 4545	80-350	80	350	1x3	1.26
43 C 4546	100-350	100	350	1x3	1.53
43 C 4008	1-450	1	450	5/8x1 1/16	.66
43 C 4009	2-450	2	450	5/8x1 1/16	.66
43 C 4010	4-450	4	450	5/8x1 1/16	.69
43 C 4011	8-450	8	450	3/4x1 7/16	.75
43 C 4012	10-450	10	350	3/4x1 7/16	.78
43 C 4013	12-450	12	450	3/4x1 7/16	.81
43 C 4014	16-450	16	450	3/4x1 11/16	.84
43 C 4015	20-450	20	450	7/8x1 11/16	.93
43 C 4016	30-450	30	450	1x2	1.02
43 C 4017	40-350	40	450	1x2 3/16	1.08
43 C 4004	60-450	60	450	1x3	1.41
43 C 4005	80-450	80	450	1x3 9/16	1.68
43 C 4547	100-450	100	450	1x3 13/16	1.92
43 C 9215	4-500	4	500	5/8x1 7/16	.72
43 C 4000	8-500	8	500	3/4x1 7/16	.78
43 C 4001	16-500	16	500	7/8x1 11/16	.90
43 C 4002	20 500	20	500	7/8x2	.96
43 C 4003	30-500	30	500	1x2	1.05
43 C 4539	10-700	10	700	1 1/16x3 3/16	1.53
43 C 4541	16-700	16	700	1 1/16x4 5/16	2.10

BBRD DUAL SECTION

43 C 9220	2202	20-20	25	3/4x1 1/16	.84
43 C 9250	115	10-10	50	3/4x1 1/16	.84
43 C 9252	2215	20-20	150	3/4x1 1/16	.99

BBRD DUAL SECTION (Cont'd)

Stock No.	Type	µF	WV	Size In.	EA.
43 C 9254	3315	30-30	150	7/8x1 11/16	1.08
43 C 9257	4415	40-40	150	7/8x2	1.11
43 C 9258	5315	50 30	150	7/8x2	1.17
43 C 9259	5515	50-50	150	1x2	1.26
43 C 9260	8415	80-40	150	1x2 3/16	1.35
43 C 8609	0183.7	100-50	150	1x3	1.80
43 C 9288	101015	100-100	150	1x3	1.92
43 C 9289	8D25	8 8	250	3/4x1 7/16	.96
43 C 9263	2225	20-20	250	1x1 11/16	1.11
43 C 9296	3325	30-30	250	1x2 3/16	1.35
43 C 8614	0286	150-100	300	1 3/8x4 3/16	3.15
43 C 9265	8D45	8-8	450	7/8x1 11/16	1.02
43 C 9267	16D45	16 16	450	1x2 1/2	1.35
43 C 9268	2245	20-20	450	1x3	1.50
43 C 9297	3345	30-30	450	1 1/8x3 9/16	1.80
43 C 9221	4445	40-40	450	1x4 1/16	2.04

BBRT TRIPLE SECTION

Stock No.	Type	µF	WV	Size, In.	EACH
43 C 9230	22215	20-20-20	150	7/8x1 11/16	1.32
43 C 9231	32V215	30-25-20	150	7/8x2	1.35
43 C 9232	33315	30-30-30	150	1x2	1.41
43 C 9233	42215	40-20-20	150	1x1 11/16	1.35
43 C 9234	43215	40-30-20	150	1x2	1.41
43 C 9235	44215	40-40-20	150	1x2	1.41
43 C 9236	44415	40-40-40	150	1x2 3/16	1.47
43 C 9298	84215	80-40-20	150, 25	1x2	1.65
43 C 8620	0126.5	150-150-150	150	1 3/8x4 3/16	2.85
43 C 9238	3315C	30-30, 20	150, 25	1/2x2	1.32
43 C 9239	4215C	40-20, 20	150, 25	1x1 11/16	1.29
43 C 9243	5315C	50-30, 20	150, 25	1x1 11/16	1.41
43 C 9245	8415C	80-40, 20	150, 25	1x2 1/2	1.59
43 C 8621	0185	40-40, 40	300	1 1/8x3	2.76
43 C 9282	16T45	16-16-16	450	1 3/8x3	1.86

BBRQ QUADRUPLE SECTION

43 C 9290	33215C	30-30-20-20	150	1x3	1.74
43 C 9293	44315C	40-40-30, 20	150, 25	1x2 1/2	1.80
43 C 9294	55515C	50-50-50, 20	150, 25	1x3	2.07
43 C 8628	0789.4	140-5,200-30	300, 500	1 1/2x4 3/16	3.09
43 C 8635	0174	40-40-20, 20	450	1 3/8x4 3/16	3.27

CORNELL-DUBILIER TYPE WMF TUBULAR "MYLAR" CAPACITORS

Film-encased ultra-compact tubular capacitors featuring a "Mylar" film dielectric. Exceptional strength, durability and stability. Offer high insulation resistance, low power factor, and operation at temperatures from −55°C to +125°C. End-sealed with high density thermo-setting plastic. Non-inductive, extended foil construction with tinned wire leads soldered direct to foil for low resistance and low RF impedance. Power factor, less than 1% at 25°C. Tolerance, ±10%. Av. shpg. wt., 2 oz.

100 WVDC

Stock No.	Type WMF-	µF	Size	EA.
43 C 6975	1D1	.001	5/32x1/2"	.21
43 C 6977	1D22	.0022	5/32x1/2"	.21
43 C 6979	1D47	.0047	5/32x1/2"	.21
43 C 6981	1S1	.01	13/64x1/2"	.21
43 C 6983	1S22	.022	9/32x5/8"	.24
43 C 6984	1S33	.033	19/64x5/8"	.24
43 C 6985	1S47	.047	17/64x3/4"	.27
43 C 6986	1S68	.068	9/32x3/4"	.27
43 C 6987	1P1	.1	19/64x7/8"	.36
43 C 6988	1P15	.15	31/64x7/8"	.36
43 C 6989	1P22	.22	25/64x1"	.39
43 C 6990	1P33	.33	27/64x1 1/8"	.45
43 C 6991	1P47	.47	15/32x1 1/4"	.47
43 C 6992	1P68	.68	9/16x1 1/4"	.57
43 C 6993	1W1	1.0	5/8x1 1/2"	.87
43 C 6995	1W1P5	1.5	25/32x1 3/4"	1.23
43 C 6996	1W2	2 0	61/64x1 3/4"	1.50

200 WVDC

43 C 6877	2D1	.001	5/32x1/2"	.21
43 C 6879	2D22	.0022	5/32x1/2"	.21
43 C 6881	2D47	.0047	11/64x1/2"	.21
43 C 6882	2D68	.0068	13/64x1/2"	.21
43 C 6883	2S1	.01	15/64x1/2"	.21
43 C 6884	2S15	.015	19/64x1/2"	.21

200 WVDC (Cont'd)

Stock No.	Type WMF-	µF	Size	EA.
43 C 6885	2S22	.022	9/32x5/8"	.24
43 C 6886	2S33	.033	17/32x3/4"	.24
43 C 6887	2S47	.047	21/64x3/4"	.27
43 C 6888	2S68	.068	11/32x3/4"	.27
43 C 6889	2P1	.1	13/32x7/8"	.36
43 C 6890	2P15	.15	1/2x7/8"	.36
43 C 6891	2P22	.22	1/2x1 1/8"	.39
43 C 6892	2P33	.33	35/64x1 1/8"	.45
43 C 6893	2P47	.47	19/32x1 1/4"	.51
43 C 6894	2P68	.68	21/32x1 5/8"	.57
43 C 6895	2W1	1.0	3/4x1 3/4"	.87
43 C 6898	2W2	2.0	63/64x1 7/8"	1.50

400 WVDC

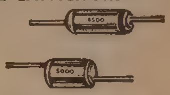
43 C 4329	4D1	.001	5/32x5/8"	.27
43 C 4330	4D22	.0022	5/32x5/8"	.27
43 C 4331	4D47	.0047	13/64x5/8"	.27
43 C 6832	4S1	.01	19/64x5/8"	.27
43 C 6834	4S22	.022	5/16x3/4"	.27
43 C 6835	4S33	.033	11/32x7/8"	.27
43 C 6836	4S47	.047	13/32x7/8"	.30
43 C 6837	4S68	.068	25/64x1"	.33
43 C 6838	4P1	.1	15/32x1"	.33
43 C 6839	4P15	.15	33/64x1 1/4"	.36
43 C 6840	4P22	.22	9/16x1 3/8"	.42
43 C 6841	4P33	.33	19/32x1 5/8"	.66
43 C 6842	4P47	.47	45/64x1 5/8"	.78
43 C 6844	4W1	1.0	7/8x2"	1.20
43 C 6847	4W2	2.0	1 1/4x2 1/4"	2.04

600 WVDC

43 C 4312	6D1	.001	11/64x3/4"	.30
43 C 4318	6D22	.0022	3/16x3/4"	.30
43 C 4323	6D47	.0047	15/16x3/4"	.30
43 C 2715	6S1	.01	19/64x1/4"	.30
43 C 2717	6S22	.022	21/64x7/8"	.30
43 C 2719	6S47	.047	27/64x1"	.33
43 C 2721	6P1	.1	33/64x1 3/8"	.42
43 C 2723	6P22	.22	21/32x1 5/8"	.51
43 C 2725	6P47	.47	55/64x2"	1.14
43 C 2727	6W1	1.0	1 11/64x2 1/2"	2.55

MALLORY TYPE SX

POLYSTYRENE CAPACITORS



Polystyrene foil capacitors replace mica, film, paper and ceramic types in most applications. Provide excellent temperature stability and humidity protection. Lightweight, low-cost capacitors are perfect for applications requiring long life expectancy. Leakage resistance is greater than 100,000 megohms. Low capacitance drift. Power factor, less than 0.05%. Best operating stability within temperature range of −10°C to +70°C. All are rated at 500 WVDC; surge, 1500 VDC. Capacity tolerance is ±5%. Lengths: *.395"; †.59"; ‡.59" to .79". Av. shpg. wt., 1 oz.

CAPACITANCE RANGE CHART

pF	pF	pF	pF	pF	pF	pF
5	36	110	330	910	2500	6200
10	29	120	360	1000	2700	6800
12	43	130	390	1100	3000	7500
15	47	150	430	1200	3300	8200
18	56	160	470	1300	3600	9100
20	62	180	510	1500	3900	10000
22	68	200	560	1600	4300	......
24	75	220	620	1800	4800	......
27	82	240	680	2000	5000	......
30	91	270	750	2200	5100	......
33	100	300	820	2400	5600	......

PRICE AND SIZE LOCATOR

Stock No.	Capacity pF	Dia. Inches	EACH
43 C 0400 C	5-300	*.165-.255	.12
43 C 0401 C	330-1000	†.194-.233	.12
43 C 0402 C	1100-3000	†.238-.348	.15
43 C 0403 C	3300-5000	‡.366-.466	.18
43 C 0404 C	5100-10K	‡.470-.590	.21

Allied Carries a Complete Line of Capacitors
in Stock for Immediate Shipment

Specify Stock No., Mfr's. Type No. and Capacitance

Mica Capacitors and Capacitor Mounting Hardwa

ARCO-ELMENCO DM DIPPED "DUR-MICA" SILVERED MICA CAPACITORS

Most widely used mica capacitor. Highest levels of reliability, ruggedness, and electrical excellence. Ideal combination of optimum quality and small size. Special extra-tough epoxy coating resists extreme humidity and moisture. All are rated 500 WVDC, except †300 WVDC and §100 WVDC. Operates in temperatures from −55°C to +150°C without derating. Compact size of these capacitors makes them very suitable for delay lines, computers, test equipment, missiles and other electronic applications wherein entire system formance depends on reliable operation of thousands of compon Subjected to "debugging" process to eliminate potential early fail Capacitance drift ± (.05%, ±.1 pF) (Char. F). Meet or exceed **C-5C** and **RETMA** specifications for mica capacitors. Tolerance, except *±5 pF. See chart below for approximate dimensions. Av shpg. wt., 2 oz. **Units are dual-marked in both MIL and Com cial Type Numbers.**

Stock No.	Mfr's Type	pF	Size, LxWxT	EACH
43 C 2354	DM-10-100J	10	.358x.387x.183	.31
43 C 2356	DM-10-150J	15	.358x.387x.183	.31
43 C 2358	DM 10-200J	20	.358x.387x.183	.22
43 C 2359	DM-10-220J	22	.358x.387x.183	.22
43 C 2361	DM-10-270J	27	.358x.387x.183	.22
43 C 2363	DM-10-330J	33	.358x.387x.183	.22
43 C 2367	DM-10-470J	47	.358x.387x.183	.23
43 C 2368	DM-10-500J	50	.363x.395x.188	.23
43 C 2372	DM-10-680J	68	.363x.395x.188	.25
43 C 2373	DM-10-750J	75	.363x.395x.188	.25
43 C 2376	DM-10-101J	100	.370x.405x.197	.26
43 C 2378	DM-10-121J	120	.370x.405x.197	.28
43 C 2380	DM-10-151J	150	.377x.415x.203	.32
43 C 2383	DM-10-201J	200	.384x.425x.212	.39
43 C 2384	DM-10-221J	220	.384x.425x.212	.40
43 C 2386	DM-10-251J	250	.391x.438x.220	.45
43 C 2388	DM-10-301J†	300	.391x.438x.220	.47
43 C 0716	DM-15-010M*	1	.446x.351x.163	.22
43 C 0717	DM-15-020M*	2	.446x.351x.163	.22
43 C 0718	DM-15-030M*	3	.446x.351x.163	.22
43 C 0719	DM-15-050K*	5	.446x.351x.163	.22
43 C 0720	DM-15-100J	10	.446x.351x.163	.22
43 C 0721	DM-15-120J	12	.448x.355x.166	.22
43 C 0722	DM-15-150J	15	.448x.355x.166	.22
43 C 0724	DM-15-200J	20	.448x.355x.166	.18
43 C 0725	DM-15-220J	22	.448x.355x.166	.18
43 C 0727	DM-15-270J	27	.448x.355x.166	.18
43 C 0728	DM-15-300J	30	.448x.355x.166	.18
43 C 0729	DM-15-330J	33	.448x.355x.166	.18
43 C 0731	DM-15-390J	39	.448x.355x.166	.18
43 C 0733	DM-15-470J	47	.451x.360x.175	.18
43 C 0734	DM-15-500J	50	.451x.360x.175	.18

Stock No.	Mfr's Type	pF	Size, LxWxT	EA
43 C 0738	DM-15-680J	68	.451x.360x.175	
43 C 0739	DM-15-750J	75	.451x.360x.175	
43 C 0740	DM-15-820J	82	.451x.360x.175	
43 C 0742	DM-15-101J	100	.451x.360x.175	
43 C 0744	DM 15 121J	120	.457x.372x.190	
43 C 0746	DM-15-151J	150	.457x.372x.190	
43 C 0748	DM 15-181J	180	.457x.372x.190	
43 C 0749	DM-15-201J	200	.457x.372x.190	
43 C 0750	DM 15-221J	220	.470x.395x.220	
43 C 0752	DM-15-251J	250	.470x.395x.220	
43 C 0753	DM-15-271J	270	.470x.395x.220	
43 C 0754	DM-15-301J	300	.470x.395x.220	
43 C 0755	DM-15-331J	330	.470x.395x.220	
43 C 0756	DM-15-361J	360	.470x.395x.220	
43 C 0757	DM-15-391J	390	.470x.395x.220	
43 C 0759	DM-15-471J	470	.463x.371x.204	
43 C 0760	DM-15-501J	500	.463x.371x.204	
43 C 0761	DM-15-511J	510	.463x.371x.204	
43 C 0762	DM-15-561J†	560	.463x.371x.204	
43 C 0764	DM-15-681J†	680	.470x.378x.220	
43 C 0765	DM-15-751J†	750	.470x.378x.220	
43 C 0766	DM-15-821J†	820	.470x.378x.220	
43 C 0768	DM-15-102J§	1000	.487x.382x.238	
43 C 0770	DM-19-102J	1000	.636x.490x.197	
43 C 0772	DM-19-122J	1200	.652x.506x.219	
43 C 0774	DM-19-152J	1500	.652x.506x.219	
43 C 0777	DM-19-202J	2000	.652x.506x.219	
43 C 0780	DM-19-252J	2500	.668x.520x.240	
43 C 2404	DM-30-502J	5000	.765x.855x.263	1
43 C 2407	DM-30-622J	6200	.773x.865x.287	1
43 C 0822	DM-30-103J	10,000	.783x.879x.323	2

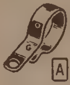
ARCO-ELMENCO CM MOLDED SILVERED MICAS

Molded silvered mica capacitors offer excellent stability, dielectric strength, longevity, and ruggedness. Meet **MIL-C-5, EIA, RS-153.** Phenolic cases. 500 WVDC, except *300 WVDC. Tolerance, ± Middle letter in Type number is temperature coefficient. C: ±200 p million/°C. D: ±10 parts. E: −20, +100 parts. Shpg. wt., 2 oz.

Stock No.	Mfr's Type	pF	Size, LxWxT	EACH
43 C 0427	CM-15-C-050J	5	½x9/32x3/16	.22
43 C 0428	CM-15-C-100J	10	½x9/32x3/16	.22
43 C 0436	CM-15-C-150J	15	½x9/32x3/16	.22
43 C 0438	CM-15-C-200J	20	½x9/32x3/16	.18
43 C 0469	CM-15-E-330J	33	½x9/32x3/16	.18
43 C 0473	CM-15-E-470J	47	½x9/32x3/16	.18
43 C 0474	CM-15-E-500J	50	½x9/32x3/16	.18
43 C 0480	CM-15-E-680J	68	½x9/32x3/16	.18
43 C 0479	CM-15-E-820J	82	½x9/32x3/16	.18
43 C 0497	CM-15-E-101J	100	½x9/32x3/16	.18
43 C 0499	CM-15-E-121J	120	½x9/32x3/16	.20
43 C 0515	CM-15-E-151J	150	½x9/32x3/16	.21
43 C 0518	CM-15-E-201J	200	½x9/32x3/16	.25
43 C 0519	CM 15-E 221J	220	½x9/32x3/16	.26
43 C 0543	CM-15 E-251J	250	½x9/32x3/16	.28
43 C 0544	CM-15-E-271J	270	½x9/32x3/16	.29
43 C 0545	CM-15-E-301J	300	½x9/32x3/16	.31
43 C 0546	CM-15-E-331J	330	½x9/32x7/32	.34

Stock No.	Mfr's Type	pF	Size, LxWxT	EA
43 C 0548	CM-15-E-391J	390	½x9/32x7/32	
43 C 0554	CM-15-E-471J	470	½x9/32x7/32	
43 C 0555	CM-15-E-501J	500	½x9/32x7/32	
43 C 0566	CM-20-D-681J	680	25/32x7/16x7/32	
43 C 0568	CM-20 D-821J	820	25/32x7/16x7/32	
43 C 0583	CM-20-E-102J	1000	25/32x7/16x7/32	
43 C 0587	CM-20-E-152J	1500	25/32x7/16x7/32	
43 C 0594	CM-20-E-202J	2000	25/32x7/16x7/32	
43 C 0422	CM-20-E-252J	2500	25/32x7/16x7/32	
43 C 0619	CM-20 E 332J	3300	25/32x7/16x7/32	
43 C 0621	CM-20 E 392J*	3900	25/32x7/16x7/32	
43 C 0623	CM-20-E-472J*	4700	25/32x7/16x7/32	1
43 C 0624	CM-20-E-502J*	5000	25/32x7/16x7/32	1
43 C 0639	CM-30-E 562J	5600	1 3/16x1 3/16x9/32	1
43 C 0641	CM-35-E-682J*	6800	1 3/16x1 3/16x1 1/32	1
43 C 0645	CM-35-E-103J*	10,000	1 3/16x1 3/16x1 1/32	1
43 C 0686	VCM-35-E-103J	10,000	1 3/16x1 3/16x1 1/32	2

CAPACITOR MOUNTING HARDWARE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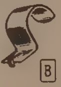
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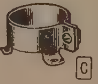
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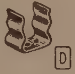
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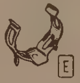
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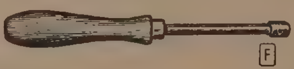
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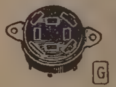
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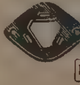


Selection of mounting hardware for capacitors subject to moderate or acute vibration. Hold capacitors securely in position, positively eliminating any chance of wobble or strain on terminals or body. Strap tinned steel; all others are cadmium-plated.

A TUBULAR STRAPS Wt., 1 oz.

Stock No.	Dia.	EA.	Stock No.	Dia.	EA.
43 C 7962	⅝″	.09	43 C 7966	⅞″	.12
43 C 7963	11/16″	.09	43 C 7967	15/16″	.12
43 C 7964	¾″	.09	43 C 7968	1″	.12
43 C 7965	13/16″	.09	43 C 7969	1⅜″	.12

B "C" CLAMPS Wt., 1 oz.

43 C 7970	⅝-¾″	.12	43 C 7971	⅞-1″	.12

C MOUNTING RINGS Wt., 1 oz.

Stock No.	Size Dia.	EACH
43 C 7972	1-1 1/16″	.15
43 C 7973	1⅜ 1 7/16″	.18
43 C 7974	1½-1 9/16″	.18
43 C 7975	2-2 1/16″	.18
43 C 7976	2½″	.21
43 C 7977	3″	.39

D MOUNTING CLIPS Wt., 1 oz.

Stock No.	Size Dia.	EACH
43 C 7978	¾″	.12
43 C 7979	1″	.12
43 C 7980	1⅜″	.18

E UNIVERSAL CLIPS Wt., 2 oz.

43 C 7981	⅜-7/16″	.12
43 C 7982	½-9/16″	.12
43 C 7983	⅝-11/16″	.12
43 C 7984	¾-13/16″	.15
43 C 7985	⅞-15/16″	.15
43 C 7986	1-1 1/16″	.15
43 C 7987	1⅜-1 7/16″	.15

F **43 C 7990. Mtg. Wrench.** For twist-prongs. Shpg wt., 1 lb. 1.49

G MOUNTING SOCKETS Wt., 1 oz.

47 C 0335	1″	.49
47 C 0336	1⅜″	.71

H MOUNTING PLATES

*Phenolic †Metal. ‡Mount 1″ dia. can 1⅜″ dia. hole. Shpg. wt., 1 oz.

Stock No.	Dia.	Stock No.	Di
43 C 7945	1″*	43 C 7948	1″†
43 C 7946	1⅜″*	43 C 7949	1⅜″
43 C 7947	‡*	43 C 7950	‡†

EACH..............................

KRAFT INSULATING SLEEVES

Offer positive insulation. Shpg. wt., 1 oz.

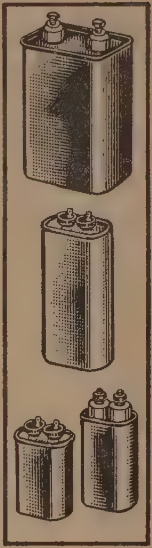
Stock No.	Dia.	Stock No.	Di
43 C 7510	¾x2″	43 C 7517	1⅜x
43 C 7511	1x2″	43 C 7514	1⅜x
43 C 7515	1x2½″	43 C 7988	1⅜x
43 C 7512	1x3″	43 C 7518	1⅜x
43 C 7513	1⅜x2″	43 C 7989	1⅜x

EACH..............................

SCR Commutation and Ceramic Capacitors

GENERAL ELECTRIC CAPACITORS FOR SCR COMMUTATION APPLICATIONS

- Oil-Filled, Designed For Breadboard Prototype Work
- Special Construction Gives Low Inductance and Resistance
- Dielectric Temperature Rise Held to Minimum
- Most Types With Oval Style Case



Oil filled capacitors, primarily designed for breadboard prototype work in silicon controlled rectifier commutation and other similar square wave voltage applications. Special construction gives low inductance and minimum equivalent series resistance; internal connections carry high currents frequently encountered.

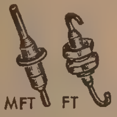
Paint finish on terne-plate steel cases increases emissivity of case surface, holds dielectric temperature rise to minimum. Oil dielectric maintains nominal (25°C) capacity within ±2.5% from −55°C to +80°C. Table based on 50 µsec. current pulse width. In no case should max. voltage, current, ambient and case temperatures be exceeded.

All are oil-impregnated paper units, except *metalized paper and †polycarbonate. All have oval style case, except §rectangular. ‡Maximum root mean square (rms) in volt-amperes at maximum ambient and case temperatures. In table, case temperatures correspond to ambient temperatures as follows: 80° ambient equals 87° case; 70° ambient equals 83° case; 60° ambient equals 80° case; 50° amb. equals 77° case. Av. shpg. wt., 5 lbs.

Stock No.	Type 28F-	µF	rms VAC Max.	Volts DC Max.	Size Inches (WxDxH)	Max. rms (Amps) at Ambient 80°C	70°C	60°C	50°C	EACH
43 C 1778	951	3	165	200	2 5/32x1 5/16x2 5/16″	7.0	10.0	12.3	14.2	5.37
43 C 1781	952	5	165	200	2 5/32x1 5/16x3 1/16″	9.8	14.2	17.4	19.9	5.89
43 C 1782	953§	10	165	200	3 3/4x1 1/4x4 1/4″	22.0	31.6	39.5	42.9	15.43
43 C 1783	954§	20	165	200	3 3/4x2 1/4x4 1/2″	38.0	43.0	43.1	43.4	24.38
43 C 1787	955	2	200	250	2 5/32x1 5/16x2 5/16″	5.7	7.9	9.8	11.7	4 96
43 C 1791	956	2	330	600	2 5/32x1 5/16x2 13/16″	6.3	8.8	11.0	12.6	5 70
43 C 1796	957	3	330	600	2 5/32x1 5/16x3 13/16″	8.5	12.3	14.8	17.4	6.89
43 C 1802	958§	5	330	600	3 1/4x1 1/4x4 3/4″	15.8	22.1	28.4	31.6	13.94
43 C 1806	959§	10	330	600	3 3/4x2 1/4x4 1/2″	25.3	37.9	42.9	43.0	23.57
43 C 1813	960§	20	330	600	3 3/4x3 3/16x5 1/2″	43.0	43.0	43.0	43.0	32.19
43 C 1815	961	1	400	800	2 5/32x1 5/16x2 5/16″	4.1	5.7	6.9	8.2	4.89
43 C 1850	5033	.5	660	1500	2 5/32x1 5/16x2 1/16″	3.0	4.3	5.6	6.7	5.59
43 C 1816	962	1	700	2000	2 5/32x1 5/16x4 3/8″	5.3	7.2	9.1	10.7	5.66
43 C 1817	963§	2	700	2000	3 3/4x1 1/4x4 3/4″	10.7	15.2	18.3	21.2	17.76
43 C 1818	964§	3	700	2000	3 3/4x2 1/4x4 1/2″	14.5	20.5	25.3	28.4	24.67
43 C 1820	965§	5	700	2000	3 3/4x3 3/16x5 1/8″	22.1	30.6	36.3	42.6	28.30
43 C 1824	966§	10	700	2000	4 9/16x3 3/4x6″	36.3	43.0	43.0	43.0	38.33
43 C 1829	1101*	25	115	200	2 11/16x1 9/16x2 1/8″	33‡	125‡	230‡	350‡	19.43
43 C 1831	1102*	50	115	200	2 11/16x1 9/16x2 7/8″	42‡	160‡	290‡	430‡	26.83
43 C 1832	1103*	100	115	200	3 21/32x1 31/32x3 1/8″	65‡	245‡	440‡	670‡	33.59
43 C 1833	1104*	125	115	200	3 21/32x1 31/32x3 7/8″	76‡	285‡	520‡	782‡	37.29
43 C 1837	1202†	20	330	600	3 21/32x1 31/32x6″	43.0	43.0	43.0	43.0	52.98
43 C 1848	1203†§	10	700	2000	4 9/16x3 3/4x5 1/8″	43.0	43.0	43.0	43.0	92.50

CENTRALAB CERAMIC CAPACITORS AND ASSORTMENTS

FEED-THRU HI-KAPS



Tiny ceramics for single-hole mounting. Specifically designed for, widely used in high frequency circuits. Rated 500 WVDC. Type FT has 12-28 mounting nut and 050″ dia. tinned copper leads with hooked ends. MFT has 1/4″ dia. hole and solders to chassis (has No. 16 leads). Tolerance; *±20%; †−20 to +50%; §±10%; ‡GMV (guaranteed minimum value). Av. shpg. wt., 2 oz.

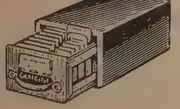
TYPE MFT MINIATURES

Stock No.	Type	pF	EACH
43 C 1488	MFT-50	§ 50	.24
43 C 1489	MFT-100	§ 100	.24
43 C 1490	MFT-500	* 500	.24
43 C 1491	MFT-1000	‡1000	.24

TYPE FT

43 C 1390	FT- 500	* 500	.60
43 C 1391	FT-1000	*1000	.60
43 C 1392	FT-1500	†1500	.60
43 C 1394	FT-2300	†2300	.60

DDK-200 CERAMIC CAPACITOR KIT

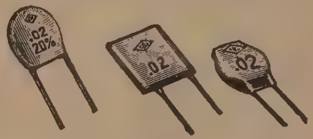


Ceramic disc capacitors primarily for by-pass, filter or coupling service. 200 Type DD disc ceramics. All 1000 WVDC, except *600 V. Each value packaged in its own clear plastic box. With cabinet, 4x6x11″. Wt., 6 lbs.

43 B 8912. *$5 Monthly*..............34.10

Cap. pF	Qty.	Mfr's Type	Cap. pF	Qty.	Mfr's Type
5	5	DD-050	330	5	DD-331
10	5	DD-100	390	5	DD-391
25	5	DD-250	470	5	DD-471
33	5	DD 330	500	5	DD-501
47	5	DD-470	680	5	DD-681
50	5	DD-500	µF	Qty.	Type
68	5	DD-680	.001	15	DD-102
100	10	DD-101	.0015	5	DD-152
120	5	DD-121	.003	5	DD-302
180	5	DD-181	.0047	5	DD-472
200	10	DD-201	.005	10	DD-502
220	5	DD-221	.010	5	*DD6-103
250	5	DD-251	.010	15	DD-103
270	5	DD-271	.010	5	DD-1032
300	5	DD-301	.020	15	*DD-203

LOW-VOLTAGE CAPACITORS



DA DDA, CK DM

Extremely compact, high-capacity, low-voltage ceramic capacitors. Have durable "Durez" resin insulation. Designed especially for transistor circuits and other subminiature applications. Resist effects of heat, moisture and vibration. Av. shpg. wt., 2 oz.

Type DA: 1/2x1/2x3/16″ thick. Tolerance −20% to +100%. Rated at 30 WVDC.

Type DDA: All measure 5/8″ diameter x 5/32″ thick. Tolerance −30% to +80%. Rated at 75 WVDC.

Type DM: 17/32x7/32x7/64″ thick. Tolerance * −20% to +50% and † −20% to +80%. Rated at 150 WVDC.

Type CK: diameter as indicated; 5/32″ thick. Tolerance −20 to +80% Rated at 50 WVDC.

TYPE DA

Stock No.	Type	µF	EACH
43 C 1627	203	.02	.29
43 C 1628	503	.05	.64
43 C 1629	104	.1	1.07

TYPE DDA

43 C 1630	503	.05	.24
43 C 1631	104	.1	.48

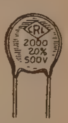
TYPE DM

43 C 1636	102*	.001	.72
43 C 1637	202*	.002	.72
43 C 1638	302†	.003	.72
43 C 1639	502†	.005	.72
43 C 1640	103†	.01	.72

TYPE CK

Stock No.	Type	µF	Dia.	EACH
43 C 1642	502	.005	3/8″	.17
43 C 1643	103	.01	3/8″	.17
43 C 1644	203	.02	9/16″	.17
43 C 1645	253	.025	9/16″	.17
43 C 1646	303	.03	9/16″	.17
43 C 1647	503	.05	5/8″	.24
43 C 1648	104	.1	5/8″	.48

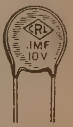
TYPE CE DISC CERAMICS



Designed for applications requiring minimum capacity change as temperature varies from −55°C to +85°C. Phenolic vacuum insulation-impregnated with high melting point wax. All 500 WVDC. Power factor: 2% maximum at 1 kHz. Leakage resistance: initial, 10,000 megohms minimum; after humidity, over 100 megohms. All 5/32″ thick. 19/64″ diameter, except †55/64″ diameter. No. 22 tinned copper leads. Av. shpg. wt., 1 oz.

Stock No.	Mfr's Type CE-	pF	EACH
43 C 0873	151	150	.15
43 C 0874	221	220	.15
43 C 0875	331	330	.15
43 C 0876	471	470	.15
43 C 0877	501	500	.15
43 C 0878	561	560	.15
43 C 0879	681†	680	.15
43 C 0889	751†	750	.15
43 C 0890	801†	800	.15
43 C 0891	102†	1000	.15

UK "ULTRA-KAP" MINIATURE DISC CAPACITORS



Type UK and UK10 micro-miniature and miniature ceramic disc capacitors engineered specifically for by-pass and coupling in transistor circuits. Extremely low dissipation factor. Double Durez insulation with high temperature wax impregnation. UK10 series primarily for portable radios. Ultra Kaps, #22 tinned copper leads. UK types, 3 WVDC; UK10 types, 10 WVDC. Tolerance −20 to +80%, guaranteed minimum value. Av. wt., 1 oz.

Stock No.	Mfr's Type	µF	Dia.	EACH
43 C 1701	UK-104	.1	3/16″	.34
43 C 1293	UK-224	.22	1/4″	.24
43 C 1294	UK-474	.47	3/8″	.24
43 C 1295	UK-105	1.0	9/16″	.29
43 C 1296	UK-225	2.2	3/4″	.34
43 C 1702	UK10-503	.05	1/4″	.15
43 C 1703	UK10-104	.1	3/8″	.15
43 C 1704	UK10-204	.2	9/16″	.24
43 C 1705	UK10-474	.47	3/4″	.34
43 C 1274	UK20-503	.05	13/32″	.15
43 C 1279	UK20-104	.1	19/32″	.17
43 C 1290	UK20-204	.2	27/32″	.31

Capacitors and Trimmers

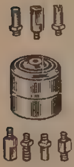
SPRAGUE CAPACITORS

"PACER" MINIATURE CAPACITORS

Three times smaller than conventional paper-film tubulars. Non-inductive. Metal caps over foil sections. 200 WVDC. −55°C to +85°C. Derate 50% at 105°C. Tolerance, ±10%. Shpg. wt., 2 oz.

Stock No.	Mfr's Type	µF	Size	EACH
43 C 0334	192P47192	.00047	9/64x5/16″	.33
43 C 0360	192P56192	.00056	9/64x5/16″	.30
43 C 0361	192P68192	.00068	9/64x5/16″	.30
43 C 0362	192P82192	.00082	9/64x5/16″	.30
43 C 0335	192P10292	.001	9/64x5/16″	.27
43 C 0336	192P12292	0012	9/64x5/16″	.27
43 C 0337	192P15292	.0015	9/64x5/16″	.27
43 C 0338	192P18292	.0018	11/64x5/16″	.27
43 C 0339	192P22292	.0022	11/64x5/16″	.27
43 C 0341	192P33292	.0033	11/64x5/16″	.27
43 C 0342	192P39292	.0039	11/64x7/16″	.27
43 C 0343	192P47292	.0047	11/64x7/16″	.27
43 C 0344	192P56292	.0056	11/64x7/16″	.27
43 C 0345	192P68292	.0068	11/64x7/16″	.27
43 C 0346	192P82292	.0082	11/64x½″	.30
43 C 0347	192P10392	.01	11/64x½″	.30
43 C 0348	192P12392	.012	7/32x7/16″	.30
43 C 0349	192P15392	.015	7/32x7/16″	.30
43 C 0350	192P18392	.018	7/32x9/16″	.30
43 C 0352	192P22392	.022	7/32x9/16″	.30
43 C 0353	192P33392	.033	15/16x9/16″	.33
43 C 0354	192P39392	.039	19/64x½″	.36
43 C 0355	192P47392	047	19/64x⅝″	.39
43 C 0356	192P56392	.056	19/64x⅝″	.39
43 C 0357	192P68392	.068	19/64x⅝″	.42
43 C 0358	192P82392	.082	21/64x⅝″	.45
43 C 0359	192P10492	.1	21/64x⅝″	.45
43 C 0366	192P12492	.12	21/64x⅞″	.48
43 C 0367	192P15492	.15	21/64x⅞″	.48
43 C 0368	192P22492	.22	21/64x1⅛″	.51

DOORKNOB CAPACITORS



High-voltage, 500-pF plastic capacitors for replacement use in all types of TV sets. Molded-in nonflammable, moisture-resistant, thermosetting plastic. Molded guard rings increase surface leakage path. Capacitor body has female threads for variety of interchangeable screw-in terminals. 20DK-T5 comes complete with 7 terminals, as illustrated (packaged 2 per plastic box, with 14 terminals). 30DK-T5 is supplied with only 2 terminals indicated by asterisk (*). Shpg. wt., 3 oz.

Stock No.	Mfr's Type	kV Rating	Diam. x Length	PRICE
43 C 5599	20DK-T5	20	1x31/32″	3.30pr.
43 C 5597	30DK-T5	30	15/16x1¼″	2.40ea.

SERIES BL TINY BUFFER CERAMICS

(Not illus.) Disc ceramics for buffer applications. Moisture-proof coating. Rated at 2000 WVDC. Standard tolerance, ±20%. Shpg. wt., 1 oz.

Stock No.	Mfr's Type	µF	EACH
43 C 6290	BL-D10	.001	.21
43 C 6294	BL-D50	.005	.21
43 C 6299	BL-S10	.010	.27

"HYPASS" CAPACITORS

SPRAGUE
HYPASS

Three-terminal network feed-through capacitors bypass VHF currents where ordinary capacitors fail. Suppress TVI from shortwave transmitters, diathermy machines, electronic heating apparatus. Eliminate interference between neighboring TV sets. Install leads in series. Type 48P18 for voltage regulator. *Screw terminals. †AC volts. §Bulkhead mtg. Shpg. wt., 5 oz.

Stock No.	Type	µF	Amps	WVDC	Size	EACH
43 C 5688	48P18*	.5	40	50	1x113/16″	2.76
43 C 5970	48P9*	.1	20	250†	11/16x113/16″	1.80
43 C 5685	48P8*	.1	20	600	11/16x113/16″	1.80
43 C 5689	80P3*§	.1	20	600	11/16x113/16″	1.95
43 C 5697	47P16	.002	20	5000	1x19/16″	2.73

CAPACITANCE DECODER

Type C-751. Decodes µF, tolerance and WVDC from color codes. Shpg. wt., 2 oz.
43 C 9910 .... .25

"CERA-MITE" DISC CERAMIC CAPACITORS

Ultracompact ceramic disc capacitors in EIA (RETMA) and other popular val
High by-pass efficiency in critical circuits. Moistureproof coating. Tolerances: 1
WVDC types, ±20%; 500 WVDC, ±20%. All capacitors are "tagged" for e
identification. Sizes range from ¼″ to ⅞″. *Mfr's Type. Average shpg. wt., 1 oz.

SERIES 5GA—1000 WVDC

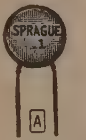
Stock No	*	pF	Stock No.	*	pF
43 C 6300	V50	5	43 C 6333	T33	330
43 C 6302	V75	7.5	43 C 6335	T36	360
43 C 6304	Q10	10	43 C 6336	T39	390
43 C 6305	Q12	12	43 C 6338	T47	470
43 C 6306	Q15	15	43 C 6339	T50	500
43 C 6308	Q20	20	43 C 6340	T56	560
43 C 6309	Q22	22	43 C 6342	T68	680
43 C 6310	Q25	25	43 C 6343	T75	750
43 C 6313	Q33	33	43 C 6345	T82	820
43 C 6315	Q47	47	43 C 6670	D10	1000
43 C 6316	Q50	50	43 C 6347	D12	1200
43 C 6317	Q56	56	43 C 6348	D13	1300
43 C 6318	Q68	68	43 C 6671	D15	1500
43 C 6319	Q75	75	43 C 6351	D18	1800
43 C 6320	Q82	82	43 C 6352	D20	2000
43 C 6322	T10	100	43 C 6353	D22	2200
43 C 6323	T12	120	43 C 6354	D25	2500
43 C 6325	T15	150	43 C 6356	D30	3000
43 C 6326	T18	180	43 C 6357	D33	3300
43 C 6327	T20	200	43 C 6358	D39	3900
43 C 6328	T22	220	43 C 6360	D43	4300
43 C 6330	T25	250	43 C 6361	D47	4700
43 C 6331	T27	270	43 C 6362	D50	5000
43 C 6332	T30	300	43 C 6363	S10	10,000

EACH .... .15

SERIES 5HK—500 AND 1000 WVDC

Stock No.	Type	µF	WVDC	EA.
43 C 8650	D10	.001	1000	.15
43 C 8651	D15	.0015	1000	.15
43 C 5672	D20	.002	1000	.15
43 C 8661	D33	.0033	1000	.15
43 C 8665	D47	.0047	1000	.15
43 C 5673	D50	.005	1000	.15
43 C 8666	D68	.0068	1000	.15
43 C 5674	S10	.01	1000	.15
43 C 8667	S15	.015	500	.15
43 C 9950	S20	.02	500	.15
43 C 8669	S25	.025	500	.15
43 C 9952	S40	.04	500	.27
43 C 9953	S50	.05	500	.27
43 C 9954	P10	.1	500	.78

LOW-VOLTAGE CERAMICS



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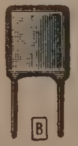


B

Especially designed for circuits requiring extremely small components. Ideal for printed circuits, transistor-type radios, etc. Provide very dependable service in bypass and coupling applications. Have excellent humidity resistance.

A **Type TG.** Have heavy, protective coating. All are rated at 50 working volts, DC. Have tolerance of +80% to −20% except S25, +80% to −30%. Av. shpg. wt., 3 oz.

Stock No.	Type	µF	Dia.	EACH
43 C 5995	D50	.005	5/16″	.15
43 C 5996	S10	.01	⅜″	.15
43 C 5997	S25	.025	19/32″	.15
43 C 5998	S50	.05	19/32″	.30
43 C 5999	P10	.1	¾″	.36

A **Hypercon Type.** Ultraminiature ceramic discs. Tolerance, guaranteed minimum value. All are rated 3 working volts, DC, except *10 WVDC. Shpg. wt., 2 oz.

Stock No.	Type	µF	Dia.	EACH
43 C 6671	HY-120	.1	.225″	.39
43 C 6672	HY-125	.22	.275″	.24
43 C 6673	HY-130	.47	.400″	.24
43 C 6674	HY-135	1.0	.595″	.30
43 C 6675	HY-150	2.2	.840″	.39
43 C 6394	HY-310*	.047	.275″	.15
43 C 6395	HY-320*	.1	.400″	.15
43 C 6396	HY-325*	.22	.595″	.24
43 C 6397	HY-330*	.47	.840″	.36

B **Monolythic Type.** Solid homogenous block construction assures excellent humidity resistance. Rated 25 working volts, DC. Temperature rating, −55° C to +85° C. Tolerance, ±20%. Size, ½x½x⅛″. 2 oz.

Stock No.	Type	µF	EACH
43 C 6589	5C104	.1	.96
43 C 3382	5C154	15	1.08
43 C 6698	5C224	.22	1.14
43 C 6699	5C334	.33	1.42
43 C 6825	5C474	.47	1.60
43 C 6823	5C684	.68	1.76
43 C 6824	5C105	1.0	2.00

SERIES 10TCC NPO CERAMICS

Zero temperature-coefficient capacitors. 1
WVDC. All capacitors listed below are of
disc type. *Mfr's Type. Av. shpg. wt., 2 oz

Stock No.	*	pF	Stock No.	*	
43 C 9955	V10	1.0	43 C 9965	Q25	
43 C 9956	V15	1.5	43 C 9966	Q33	
43 C 9957	V22	2.2	43 C 9967	Q39	
43 C 9958	V33	3.3	43 C 9968	Q47	
43 C 9959	V47	4.7	43 C 9969	Q50	
43 C 9960	V68	6.8	43 C 9970	Q68	
43 C 9961	Q10	10.0	43 C 9971	Q75	
43 C 9962	Q15	15.0	43 C 9972	T10	1
43 C 9963	Q20	20.0	43 C 9973	T12	1
43 C 9964	Q22	22.0	43 C 9974	T15	1

EACH ....

Stock No.	Type	pF	EA
43 C 9976	T22	220	.2
43 C 9977	T27	270	.3

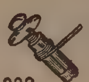
SERIES 10TCU N750 CERAMICS

A negative temperature coefficient capac
with a negative change of 750 parts per mil
per degree Centigrade. 1000 WVDC. All cap
tors listed below are disc type except *rectan
lar. Av. shpg. wt., 3 oz.

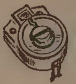
Stock No.	Type	pF	Stock No.	Type	
43 C 9978	V50*	5	43 C 9986	Q68	
43 C 9979	Q10	10	43 C 9987	Q75	
43 C 9980	Q15	15	43 C 9988	T10	1
43 C 9982	Q22	22	43 C 9989	T15	1
43 C 9983	Q25	25	43 C 9990	T20	2
43 C 9984	Q33	33	43 C 9991	T22	2
43 C 9985	Q47	47	43 C 9992	T33	3

EACH ....

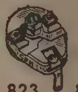
CENTRALAB TRIMMERS



829



822



823

827

Unusually compact, stable trimmer capaci
with ceramic dielectric. Lightweight, ea
mounted. Need only a screwdriver for perf
simple adjustment. Provide a smooth, lin
rate of capacitance change. Full capacity ra
with just 180° rotation. Balanced rotor
heavy spring pressure for excellent mechan
stability, even under extreme conditions
heavy vibration. Silver is fired to stator
rotor, which make contact on flat optic
ground surface to eliminate air space. All ty
rated at 500 working volts, DC. Power fac
less than ±0.2% at 1 megahertz. Type 822
Type 823 are constructed with steatite b
Type 827 with phenolic base, 829 is tub
ceramic (furnished with mounting screw
nut). Letter N in Type Number indica
negative temperature coefficient, letter Z
Type Number indicates zero temperat
coefficient. Average shpg. wt., 2 oz.

TYPE 822

Stock No.	Mfr's Type	pF Range	Base Size	EA
43 C 1651	822-EN	4-30	27/32x41/64″	1.
43 C 1125	822-CN	4.5-25	27/32x41/64″	1.
43 C 1124	822-BN	7-45	27/32x41/64″	1.
43 C 1123	822-AN	8-50	27/32x41/64″	1.
43 C 1653	822-EZ	1.5-7	27/32x41/64″	1.
43 C 1128	822-BZ	2.5-13	27/32x41/64″	1.
43 C 1654	822-FZ	3-12	27/32x41/64″	1.
43 C 1127	822-AZ	4.5-25	27/32x41/64″	1.

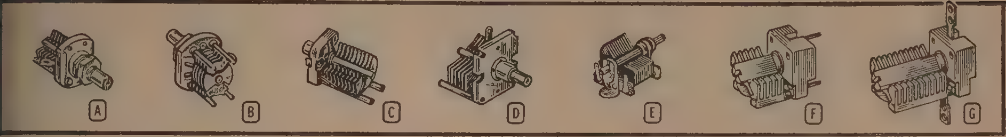
TYPES 823, 827 AND 829

*Dimension given is for body length.

Stock No.	Mfr's Type	pF Range	Base Size	EA
43 C 1510	823-AN	20-125	15/16x17/32″	3.
43 C 1513	823-AZ	12-62	15/16x17/32″	3.
43 C 1517	827-B	3.5-12	17/32x¾″	.
43 C 1518	827-C	6-30	17/32x¾″	.
43 C 1519	827-D	7-35	17/32x¾″	.
43 C 1400	829-3	.5-3	*½″	.
43 C 1402	829-6	1-6	*⅝″	.
43 C 1404	829-10	1.5-10	*¾″	.

Variable Capacitors and Noise Filters

E. F. JOHNSON CAPACITORS



TYPE M MINIATURE VARIABLES

Bridge-type stator terminal provides low inductance; oversize bearing, heavily anchored stator supports insure rigidity. ¾x⅝″ panel mtg. space, ¼″ hole. Slotted shaft takes ³⁄₁₆″ knob. 1250 V approx. peak break-down. Low-loss steatite insulation. Nickel-plated. 2 oz.

A SINGLE SECTION

Stock No.	Mfr's Type	Max. pF	Min. pF	No. of Plates	EA.
43 C 3758	160-102	5.0	1.5	5	.90
43 C 3759	160-104	8.7	1.8	9	.95
43 C 3760	160-107	14.2	2.3	15	1.00
43 C 3761	160-110	19.6	2.7	21	1.10
43 C 3766	160-130	32	3	28	1.20

B BUTTERFLY

43 C 3763	160-205	5.1	1.8	9	1.30
43 C 3764	160-208	8.0	2.2	16	1.45
43 C 3765	160-211	10.8	2.7	22	1.60

C TYPE S VARIABLES

Compact and rugged; 850 V peak rating. Slotted hex-nut shaft. Panel space ²⁹⁄₃₂x²⁵⁄₃₂″, 1¹¹⁄₁₆″ behind. Two 4-40 mtg. holes. 1 lb.

Stock No.	Mfr's Type	pF Max-Min	No. of Plates	EACH
43 C 3771	148-1	15-2.3	6	1.05
43 C 3772	148-2	25-2.6	10	1.10

C TYPE S VARIABLES (Cont'd)

Stock No.	Mfr's Type	pF Max-Min	No. of Plates	EACH
43 C 3773	148-3	35-2.9	14	1.15
43 C 3774	148-4	50-3.2	19	1.20
43 C 3776	148-6	100-4.5	38	1.40

TYPE L VARIABLES

Extremely stable; vibration- and shock-proof. 1500 V peak rating. Panel space 1⅜″ sq., behind. ¼″ shaft. Wt., 1 lb.

D SINGLE END PLATE

43 C 3777	167-1	11-2.8	3	1.90
43 C 3778	167-2	27-3.5	7	2.05
43 C 3779	167-3	51-4.6	13	2.30
43 C 3780	167-4	75-5.7	19	2.50

E TYPE R VARIABLES

Extra-heavy rugged construction. Panel or base mtg. Panel space 1¹¹⁄₁₆x1⅝″, up to 2⅛″ behind. 1200 V peak. Shpg. wt., 1 lb.

Stock No.	Mfr's Type	pF Max-Min	No. of Plates	EACH
43 C 3754	149-3	50- 6.5	7	2.95
43 C 3756	149-5	102- 8.5	14	3.25
43 C 3757	149-6	140-13.5	19	3.50

TYPE U SUBMINIATURE VARIABLES

Single section. High Q. Low temp. coeff. ¹³⁄₆₄″ sq. panel space, up to ¾″ behind. 650-V peak breakdown, except *1100 V. †⁵⁄₁₆″ terminals, ‡⁵⁄₃₂″. Screwdriver adjustment. Av. wt., 4 oz.

F PRINTED CIRCUIT MOUNTING

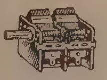
Stock No.	‡Mfr's Type	pF Max-Min	No. of Plates	EACH
43 C 4523	189-501-5	4.2-1.2	4	.56
43 C 4524	189-502-5	6.7-1.3	6	.58
43 C 4525	189-503-5	9.2-1.4	8	.56
43 C 4526	189-504-5	11.6-1.5	10	.58
43 C 4527	189-505-5	14.1-1.7	12	.60
43 C 4528	189-506-5	16.7-1.8	14	.62
43 C 4532	*189-526-5	5.1-1.3	6	.62
43 C 4533	*189-527-5	8.5-1.6	10	.64
43 C 4536	*189-528-5	11.4-1.8	14	.66

G TWO-HOLE MOUNTING†

43 C 4548	189-501-4	4.2-1.2	4	.60
43 C 4549	189-502-4	6.7-1.3	6	.62
43 C 4589	189-503-4	9.2-1.4	8	.60
43 C 4591	189-504-4	11.6-1.5	10	.62
43 C 4592	189-505-4	14.1-1.7	12	.64
43 C 4593	189-506-4	16.7-1.8	14	.66
43 C 4597	*189-526-4	5.1-1.3	6	.66
43 C 4598	*189-527-4	8.5-1.6	10	.68
43 C 4599	*189-528-4	11.4-1.8	14	.70

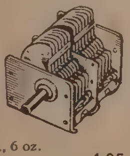
RECEIVER-TYPE CAPACITORS AND ACCESSORIES

TRF CAPACITORS



2-Gang. For use in superhets without RF stage or in 2-stage TRF receivers. Each section has 29 plates. Range, 15.5 to 467.8 pF, each section. Counter-clockwise rotation increases capacity. With trimmers. End plates slotted for easy tracking adjustments. Spring brass wipers. Take series padder for oscillator use. ⅜″ dia. shaft. Requires the use of an extender in order to convert to ¼″ shaft. See coil and IF. section of this catalog for coils. Size, 1⅝x1¹³⁄₁₆x2³⁄₁₆″. Shpg. wt., 8 oz.

43 C 3528............................3.00



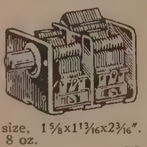
2- and 3-Gang Capacitors. Compact TRF variable capacitors. Have trimmers on side of frame. Outer rotor plates are slotted for tracking adjustment. Tapped holes in frame provide secure mounting. Range: 12 to 367 pF. Shaft diameter, ⅜″. Size of 2-gang: 2⁵⁄₁₆x1¹³⁄₁₆x1⅝″. Size of 3-gang: 3⁵⁄₁₆x1¹³⁄₁₆x1⅝″. Av. shpg. wt., 6 oz.

43 C 3521, 2-Gang 4.95

43 C 3522, 3-Gang 3.22

Allied has the world's largest selection of electronic components for experimenters, hobbyists, and builders. Use the handy, complete index in the back of this catalog.

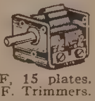
SUPERHET CAPACITOR



2-Section Superhet Variable. 19-plate oscillator section with 172.6 max.—10.6 min. pF; has one 2-17 pF trimmer. 27-plate RF section with 434 max. to 14.5 min. pF; has one 2-17 pF trimmer. Capacity increases with CCW rotation. Overall size, 1⅝x1¹³⁄₁₆x2³⁄₁₆″. Shaft, ¼x¾″. Shpg. wt., 8 oz.

43 C 3529............................2.50

MIDGET SUPERHET AND TRF TYPES

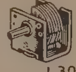


Midget Superhet. Miniature size without sacrifice of performance makes these 2-gang variables perfect for portable and midget sets. Capacity: RF sec., 14.5 to 368 pF, 27 plates; osc. sec., 11.6 to 136.6 pF, 15 plates. Cap. increases CCW. 455 kHz IF. Trimmers. 1¹¹⁄₁₆x1½x1⁵⁄₁₆″. Shpg. wt., 6 oz.

43 C 3523. . ... 2.08

Miniature Superhet. RF section is 10.8 pF to 232.4 pF. Oscillator section is 8.5 pF to 106.3 pF. 1⁵⁄₁₆x1⅜x1³⁄₁₆″. Shpg. wt., 5 oz.

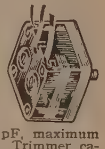
43 C 2605............................2.50



Midget TRF. Compact, 33-plate, single-section capacitor. Variable from 15 to 409 pF. Capacity increases clockwise. 1³⁄₁₆″ deep, 1⅜″ wide, 1⁵⁄₁₆″ high. ¼″ diameter shaft, 1″ long. Shpg. wt., 5 oz.

43 C 3524..........................1.30

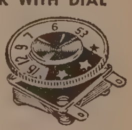
MINIATURE 2-GANG CAPACITOR



For up-to-date miniature tube or transistor circuitry; also used as a direct replacement for most units used in current pocket-size transistor receivers. Fits both foreign and domestic models. Completely enclosed in clear polyethylene plastic case. Plates rotate 180°. Maximum capacity for use in antenna section is 148.1 pF, maximum in oscillator section, 65.2 pF. Trimmer capacity is variable to over 6 pF. Trimmer adjustments may be made through case. ⅝″ sq. by ⁷⁄₁₆″ deep. Shpg. wt., 4 oz.

43 C 7092 ....1.59

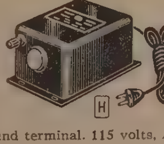
MINIATURE SINGLE SECTION TUNING CAPACITOR WITH DIAL

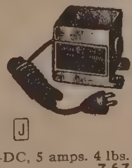


Miniature single-gang capacitor for use in TRF, broadcast band and experimental receivers, transmitters, signal generators, wave traps and many other units. Ideal for transistor circuits. An excellent device for the hobbyist or experimenter building miniature electronic instruments. Capacity variable from 10 to 365 pF. Has 1¼″ diameter, clear plastic tuning dial with milled edges. Calibrations in silver numerals, read from 530 to 1600 kHz. Full 180° rotation. Size, 1″ sq. by ½″ deep, ¼″ shaft. 5 oz.

43 C 7091...............................69

CORNELL-DUBILIER PLUG-IN NOISE FILTERS



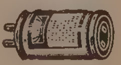


H **Type IF-18.** Effective capacitive inductive type of filter for suppression of severe interference. For use wherever ventilating or air conditioning units, washing machine or machine tools interfere with radio-TV reception. Bakelite case, 6x3¾x2½″, line cord, plug, receptacle and ground terminal. 115 volts, AC-DC, 5 amps. 4 lbs.

43 C 3564 ....7.67

J **Type IF-19.** Smaller than above, yet has as much attenuation. Has line cord, plug, receptacle, and ground terminal. For 115 volts, AC-DC. Rated 5 amps. 4x2¼x2⅞″. Shpg. wt., 3 lbs.

43 C 3565 ....7.30



Type IF-4. Efficient plug-in, cylindrical filter for suppression of medium-intensity interference produced by fluorescent lighting fixtures, electric shavers, fans, food mixer, billing machines and similar devices. Well suited for use with small receivers such as AC-DC midget sets, portable TV sets, etc. Filter plugs directly into wall; appliance or receiver plugs into filter. Rated at 115 volts, AC-DC, 5 amps. 1⅛″ dia., 2″ long. Shpg. wt., 5 oz.

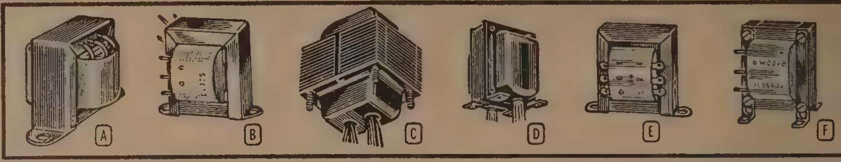
43 C 3568..1.08

Type IF-6. Convenient plug-in filter designed for elimination of moderate interference. Especially suitable for suppression of interference caused by fluorescent lights, electric shavers and similar devices. For installation as an accessory of a portable or semi-permanent nature on radios, TVs, etc. Connects between power line and appliance or between power line and receiver. Rated at 115 volts, AC. 5 amps. 1⅜″ dia., 2″ long. Shpg. wt., 6 oz.

43 C 3569 ....1.87

knight Transformers — Exclusive at Allied

Knight Low-Cost Transformers Provide Dependability and Big Savings



POWER TRANSFORMERS

For radio replacement use, etc. Fully shielded. Heavy-duty 5″ coded leads. All plate windings are center-tapped, except *half-wave type; for 6AX5, 6X4, 6X5 and similar 6.3 V. filament rectifiers and for selenium rectifier. CT 6.3-V winding except§ has two 6.3 V windings. †Not CT. ‡Static shield. #60 Hz only. **22.5 volt at 5 amperes winding. For 110-120 volt, 50-60 Hz primaries.

Stock No.	Fig.	Plate VCT	Plate mA	5 V at A	6.3 V at A	Mtg. Ctrs.	Wt., Lbs.	EACH
54 C 3710	A	115*	15	.....	0.6†‡	2⅜″	1	5.30
54 C 1410	B	125*	15	.....	0.6†	2″	¼	2.52
54 C 1411	A	125*	50	.....	2†	3⅛″	1½	4.07
54 C 3708	C#	135*	200	.....	5.5‡	2 13/16x2¼″	3½	9.21
54 C 4720	D	230	40	.....	1.5	1¾x1⅝″	1½	5.57
54 C 2008	B	250	25	.....	1.0†	2⅜″	1	3.02
54 C 2318	B	380*	20	.....	.....	2⅜″	1½	3.90
54 C 3706	D	440	50	**	0.6†	2x1 11/16″	2¼	7.47
54 C 1461	D	460	50	.....	2.5†	2x1¾″	2¾	5.44
54 C 2502	C	460	50	.....	2.5†	2½x2″	2¾	5.44
54 C 2034	C	480	40	2	2	2½x2″	2¾	5.89
54 C 2503	C	480	55	2	2	2½x2″	3	5.66
54 C 2504	C	480	70	.....	3†	2½x2″	3	6.23
54 C 1427	D	480	40	2	2	2x1 11/16″	2¾	5.89
54 C 1462	D	480	55	2	2	2x1¾″	3	6.21
54 C 1463	D	480	70	.....	3†	2x1⅞″	3	6.23
54 C 2505	D	500	40	2	2	2x1 11/16″	3	6.18
54 C 2506	C	500	70	2.0	2.5	2½x2″	3½	7.18
54 C 2551	D	500	40	.....	2	1 25/32x1⅞″	2¼	6.00
54 C 1464	D	500	70	2	2.5	2x2⅛″	3½	7.18
54 C 1465	D	520	90	.....	4†	2¼x1 1/16″	3¾	7.26
54 C 1444	C	520	90	2	3	2 13/16x2¼″	4	7.47
54 C 1412	D	520	90	2	3	2¼x2¼″	4	7.47
54 C 1466	D	540	120	3	3.5	2½x2¼″	5	10.47
54 C 2509	C	540	120	3	3.5	3⅛x2½″	5	10.47
54 C 1467	C	550	50	2	2.5	2½x2″	3¾	8.16
54 C 3704	D	600	65	.....	2.7‡	2x1 11/16″	2¾	6.78
54 C 1468	C	600	70	2	3	2½x2″	3¾	8.94
54 C 2523	D	600	90	2	3.5	2¼x2¼″	4¼	9.27
54 C 1469	C	600	120	3	5	3⅛x2½″	6	10.97
54 C 4725	D	600	70	2	3	2x2 3/16″	3¾	8.94
54 C 2526	D	600	120	3	5	2½x2 9/16″	6	10.97
54 C 3703	D	650	150	3	5†	2½x2 9/16″	6	11.08
54 C 1413	D	650	40	2	2	2x1 11/16″	2½	6.12
54 C 4730	D	650	150	3	5	2½x3″	7½	11.08
54 C 2041	C	650	40	2	2	2½x2″	2½	6.12
54 C 2042	C	650	70	3	3.5	2½x2″	4¼	6.00
54 C 1428	D	650	70	3	3.5	2x2¾″	4¼	6.00
54 C 1471	C	650	150	3	5	3⅛x2½″	7½	11.08
54 C 1472	D	680	70	2	2.5	2¼x2 3/16″	4	8.45
54 C 2532	C	680	70	2	2.5	2 13/16x2¼″	4	8.45
54 C 2534	C	700	200	3	6	3¾x3″	8	14.92
54 C 2043	C	700	90	3	3.5	2 13/16x2¼″	4½	8.45
54 C 1429	D	700	90	3	3.5	2¼x2⅜″	4¼	10.30
54 C 2044	C	700	120	3	4.7	3⅛x2½″	5¾	9.92
54 C 1430	D	700	120	3	4.7	2½x2 11/16″	5¾	9.92
54 C 2535	D	700	200	3	6	3x2 13/16″	8	14.92
54 C 2045	C	750	150	3	5	3⅛x2½″	6½	12.12
54 C 1431	D	750	150	3	5	2½x3 1/16″	6½	12.56
54 C 2553	D	750	175	3	8	2¾x3 5/16″	9½	15.56
54 C 2547	C	800	250	4	5	3¾x3″	10¾	15.76
54 C 3702	D	800	30	2‡	1.2§†	2x2 13/16″	3	11.09
54 C 2033	C	800	200	3	5	3¾x3″	8	13.36
54 C 1414	D	800	200	3	5	3x2 13/16″	7¾	13.36
54 C 2548	D	800	250	4	5	3x3 5/16″	10¼	15.76
54 C 3701	D#	900	250	4§	2;4†	3x3 9/16″	12	19.87
54 C 1473	D	1200	200	3	3†§	3x3 1/16″	9½	16.61
54 C 2549	C	1200	200	3	3†§	3¾x3″	9½	16.61
54 C 3700	D#	1840	Capacitive input 200 mA; Inductive input 250 mA			3x3 15/16″	13	18.46

Make Allied your headquarters for everything in electronics. This catalog is your guide through the world's largest stock of electronic equipment. When you order from Allied you get these advantages: complete one-order purchasing, and same-day shipment.

CONTROL TRANSFORMERS

For high-speed automatic equipment, relays, pilot lamps, solenoi small motors. May be used in high current, low voltage pow supplies. Secondary has two identical windings which permit seri or parallel operation. Primary for 115 or 230 volts, 50-60 Hz.

Stock No.	Fig.	Parallel Sec. Volts	Parallel Sec. Amps	Series Sec. Volts	Series Sec. Amps	Size H x W x D	Wt., Lbs.	EAC
54 C 2351	E	6	2	12	1	2⅜x2⅞x1¾″	1	3.7
54 C 2352	E	6	4	12	2	2¾x3⅛x2″	1¾	4.5
54 C 2353	E	12	4	24	2	3⅛x3⅝x2¼″	2½	5.4
54 C 2354	F	12	8	24	4	3⅜x2⅞x3″	4½	8.8

F MULTI-TAP SELENIUM RECTIFIER TRANSFORMERS

Tapped primary and additional tapped winding permit a variety output voltages in addition to those shown. 117 V, 50-60 Hz p maries. Include wiring diagram. *Capacitive load.

Stock No.	Rect. Circuit	Range of AC Volts	Max DC Output* Volts	Max DC Output* Amps	Size H x W x D	Wt., Lbs.	EAC
54 C 2331	CT	11.5 to 29.5	13.6	2			
	Bridge	11.0 to 28.5	30.0	1.25	3x2½x2¾″	2¾	5.
54 C 2332	CT	12.0 to 29.6	14.5	4			
	Bridge	12.0 to 29.6	33.0	2	3⅜x2⅞x3″	4½	8.
54 C 2333	CT	11.5 to 29.0	14.5	8			
	Bridge	11.5 to 29.0	32.2	4	3¾x3⅛x3½″	6¼	10.
54 C 2334	CT	12.0 to 29.5	14.2	12			
	Bridge	12.0 to 29.5	32.0	6	4⅛x3½x3⅞″	9	14.
54 C 2335	CT	12.0 to 29.0	14.5	15			
	Bridge	12.0 to 29.0	32.0	8	4⅝x3¾x5″	13	18.

VARIABLE VOLTAGE AND ISOLATION TRANSFORMERS

Output, 115 V except *105, 115, 125. 50-60 Hz. 6′ cord, plug.

Stock No.	Fig.	Watts	Input Volts	Size H x W x D	Mtg. Centers	Wt., Lbs.	EAC
54 C 2080	G	150	90-250	4⅝x3⅞x5½″	3x3⅛″	9½	19.3
54 C 1490	G	100	105-125	4⅝x3⅞x4¾″	3x2 9/16″	7½	16.8
54 C 2563	H	*350	117	5½x4⅝x5¾″	3½x3⅞″	16	28.1

H ISOLATION TRANSFORMERS

Reduce shock hazard by isolating equipment from AC power lin Prevent "hot chassis" when servicing AC-DC equipment. For 1 V, 50-60 Hz. With 6-ft. cord, plug, standard AC receptacle.

Stock No.	Watts	Size, H x W x D	Wt., Lbs.	EACH
54 C 1426	50	3⅝x3x3⅜″	3½	8.36
54 C 2086	100	4⅜x3⅝x4″	7	14.76
54 C 2087	250	4⅝x3⅞x4⅝″	12½	25.84

230 TO 115-VOLT STEP-DOWN AUTOTRANSFORMERS

Well-built step-down transformers for reducing 220-250 volts, 50- Hz to 110-125 volts. For operating tape recorders, radios, amp fiers, household appliances, etc. Shielded construction. With 8- cord and plug. Standard AC receptacle on case. *No cord.

Stock No.	Fig.	Volt-Amps	Size, H x W x D	Wt., Lbs.	EAC
54 C 1494	J	8	3¾x1 11/16″	1	4.0
54 C 2555	A*	20	2x3¼x2″	1¼	3.4
54 C 2556	A*	40	2 5/16x3⅝x2⅛″	1¾	3.9
54 C 2510	H	80	3⅝x3x3¼″	3¼	8.4
54 C 2557	H	100	3½x2⅞x3⅜″	4	8.9
54 C 2511	H	150	4x3⅜x3⅝″	4¾	10.7
54 C 2512	H	250	4⅝x3⅞x4¼″	7¾	13.9
54 C 2513	H	500	4⅝x3⅞x4¾″	11	19.1
54 C 1434	H	750	5½x4⅝x5″	13¾	24.1
54 C 1432	H	1000	5½x4⅝x5¼″	14¾	31.6
54 C 1435	H	1500	6x4½x5⅝″	20	35 4
54 C 1433	H	2000	6x4½x6⅜″	25	40.0

H 115 TO 230-VOLT STEP-UP AUTOTRANSFORMERS

Increase 110-125 volts, 50-60 Hz, to 220-250 volts. Shielded co struction. 8′ cord, plug. Std. AC receptacle on case.

Stock No.	Volt-Amps	Size, H x W x D	Wt., Lbs.	EAC
54 C 2558	80	3⅝x3x3¼″	3¼	8.4
54 C 2559	150	4x3⅜x3⅝″	4¾	10.3
54 C 2560	500	4⅝x3⅞x4¾″	10¼	19.1

knight Transformers for Low-Cost Dependability

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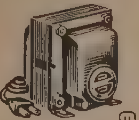
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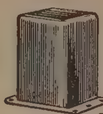
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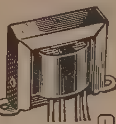
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FILTER AND SMOOTHING CHOKES

ll chokes are rated at 10 volts, 60 Hz with maximum DC in winding. atings have −15%, +50% tolerance. Insulation withstands 1500 volts, ms except †2000, ‡3000.

Stock No.	Fig.	H	mA	Res., Ohms	Mtg. Centers	Wt., Lbs.	EACH
54 C 2341	F	.01	12,500	.11	3⅜x2⅜"	6½	10.74
54 C 2342	F	.025	4000	.425	2¾x2⅛"	3½	7.06
54 C 2343	F	.035	2000	.75	2⅛x2"	2¾	4.03
54 C 4700	F	.8/.02	2500, 5000	.61/.155	2½x3 1/16"	6¾	12.17
54 C 4701	F	.3/.075	1000/2000	3/.75	2¼x2 11/16"	4¾	8.77
54 C 4702	A	.33	600	10	2 13/16"	1½	3.33
54 C 4703	A	.70	290	30	2⅜"	¾	1.86
54 C 1405	A	.80	375	25	3⅛"	1¼	3.80
54 C 1479	A	†1.0	300	40	3⅛"	1¼	3.35
54 C 1480	A	‡1.5	10	95	1¾"	¼	1.40
54 C 1406	A	1.5	200	60	2⅜"	¾	1.91
54 C 1481	A	2.0	200	65	3⅛"	1¾	3.26
54 C 3990	A	2.0	15	70	1¾"	½	1.76
54 C 1482	A	2.3	150	60	2 13/16"	1	2.66
54 C 2344	A	†2.5	130	100	2 13/16"	1	2.58
54 C 2345	A	2.8	300	60	3 9/16"	2	4.61
54 C 1483	A	†3.0	150	97	3⅛"	1¾	3.08
54 C 1407	A	3.5	50	200	2⅜"	¾	1.85
54 C 3991	D	‡4.0	250	60	2¼x2⅜"	4½	9.14
54 C 2346	D	‡4.0	175	100	2x1¾"	2¾	5.21
54 C 2347	D	‡4.5	200	80	2¼x2 1/16"	3¾	6.62
54 C 3992	A	5.0	65	330	2⅜"	¾	2.65
54 C 2348	K	5.0	100	300	1½x2⅜"	2½	3.97
54 C 2135	A	5.5	50	330	2"	½	1.53
54 C 4704	A	6.0	200	150	3 9/16"	2½	4.38
54 C 4705	D	6.0	200	150	2"	2¾	5.94
54 C 1408	A	7.0	50	550	2"	½	1.53
54 C 1484	A	7.0	150	200	3 9/16"	2¼	4.18
54 C 1485	A	8.0	85	260	2 13/16"	1½	2.74
54 C 2136	A	8.5	50	400	2⅜"	¾	1.66
54 C 1409	F	‡8.5	200	140	2¼x2⅛"	3½	7.97
54 C 3993	A	9.0	125	250	3⅛"	1½	3.63
54 C 4706	D	†10.0	200	150	2¼x2⅜"	4½	8.64
54 C 4707	A	10.0	90	270	2 13/16"	1½	3.10
54 C 2139	A	10.5	110	220	3 9/16"	2¼	3.79
54 C 3995	A	†12.0	30	400	2"	½	2.18
54 C 1486	D	12/8/4	100/150/200	145	2x1¾"	2¾	5.30
54 C 1487	A	13.0	65	385	2 13/16"	1	2.74
54 C 2138	A	15.0	75	400	3⅛"	1¾	3.08
54 C 2137	A	16.0	50	550	2 13/16"	1	2.29
54 C 1488	D	16.0	80	365	2x1¾"	2¾	5.67
54 C 1489	A	20.0	15	900	2⅜"	¾	2.39
54 C 2349	A	35.0	15	1600	2"	½	1.93
54 C 2350	A	‡350.0	5	5500	2 13/16"	1	4.02

HIGH-CURRENT CHOKES

54 C 3996	F	.01	8.0 amps	.15	3⅛x2¼"	5½	9.26
54 C 3997	F	.005	22.5 amps	.03	3¾x3½"	12	15.49

LOW-VOLTAGE RECTIFIER TRANSFORMERS

For silicon diode and transistor DC voltages with full-wave or bridge rectifier. 1500 volt test. Primaries, 115 V. Primaries of Fig. L types are tapped. All are Fig. L except *Fig F and †Fig. D.

Stock No.	Secondary		Size H x W x D	Mtg. Ctrs.	Wt., Lbs.	EACH
	Volts AC	Amps				
54 C 4731	10-20 CT-40 CT	.035	1 7/16x2⅜x1⅜"	2"	½	3.97
54 C 4732	10-20 CT-40 CT	.100	1 11/16x2 13/16x1⅝"	2⅜"	¾	4.62
54 C 4733	10-20 CT-40 CT	.300	2 5/16x3 11/16x2"	3⅛"	1½	5.39
54 C 4734	10-20 CT-40 CT	.750	2⅝x4x2⅜"	3 9/16"	2½	6.85
54 C 4735	10-20 CT-40 CT	†1	3⅛x2⅝x3⅛"	2x2¼"	3¼	10.20
54 C 4736	0-17-18	*3	3⅛x2 9/16x2⅞"	2x2⅜"	3¼	7.53
54 C 4737	0-17-18	*6	3 13/16x3 3/16x3¼"	2½x2⅝"	5¾	10.20
54 C 4738	0-6.5-13-19.5-26	*3	3½x2⅞x2⅜"	2¼x2⅛"	3½	8.17
54 C 4739	0-24-27-30-33-36	*3	3 13/16x3 3/16x3¼"	2⅛x2⅝"	5¾	11.96
54 C 4740	0-24-27-30-33-36	*8	4⅝x3 13/16x3⅞"	3x3¼"	10¾	18.57

MINIATURE INTERCOM/TRANSCEIVER TRANSFORMERS

Transceiver and intercom transformers designed to replace original units. *Transceiver input, mike or plate to grid; has 4.5% primary tap used in B + filter network for hum reduction. †Intercom input, voice coil to grid. §Line to voice coil. Av. shpg. wt., ½ lb.

Stock No.	Fig.	Impedance, Ohms		Audio Watts	Mtg. Ctrs.	EACH
		Primary	Secondary			
54 C 1491	A	*200/5000	60,000	5	2⅜"	3.08
54 C 1492	A	†4	25,000	....	2"	2.39
54 C 1493	M	§45/50	3-4, 6-8	3	2"	2.13

A AUDIO TRANSFORMERS

*Single plate to P-P grid except, †single plate to single grid, ‡single or P-P plate to P-P grids, §P-P plate to voice coil. ½x½" cores. Av. shpg. wt., 2 lbs.

Stock No.	Impedance, Ohms		Turns Ratio	Max. mA	Size HxWxD	EACH
	Primary	Secondary				
54 C 3998	§5000CT	500/250, 15/8/4	4	80	3½x2 15/16x3⅛"	7.95
54 C 2062	†7000	20,000	1:3	10	1⅜x2⅜x1⅜"	2.21
54 C 1415	‡7000 15K		1:3	10	1⅜x2⅜x1⅜"	2.57
54 C 1458	*10,000	40,000CT	1:2	10	1⅜x2⅜x1½"	2.56
54 C 1459	*10,000	90,000CT	1:3	10	2x3¼x2"	3.90
54 C 1460	‡10,000CT	90,000CT	1:3	10	1⅝x2⅞x1½"	3.21
54 C 3999	§10,000CT	8/4/2	1	40	1 11/16x2 13/16x1¾"	3.17
54 C 4114	§10,000CT	500/15/ 8/4	4	70	3½x2 15/16x3⅛"	7.57
54 C 4115	§10,000/ 7000CT	500/15/ 8/4	3	60	3⅛x2⅝x2⅝"	7.49

A TUBE TESTER FILAMENT TRANSFORMER

Has multi-tapped secondary. Primary: 125/115/105 volts, 60 Hz. Secondary output volts: 1.1/1.4/1.5/2.0/2.5/3.0/3.3/4.0/5.0/6.3/7.0/7.5/12/20/25/30/35/50/70/85/110/117. Mounting centers: 3 9/16". Overall size: 2⅝x4x3 1/16". Shpg. wt., 2½ lbs.

54 C 2083..Each 11.94

A SINGLE PLATE TO P-P GRID TRANSFORMER

Primary impedance: 10K ohms. Primary to ½ secondary ratio: 2/1.5/1:1. Maximum primary DC current: 40 mA. Overall size: 2x3¼x1⅞". Mounting centers: 2 13/16". Shpg. wt., 1½ lbs.

54 C 3983..Each 3.47

MICROPHONE OR LINE-TO-GRID TRANSFORMERS

Stock No.	Fig.	Primary Ohms	Sec. Ohms	Mtg. Ctrs.	Wt., Lbs.	EACH
54 C 3980	A	100	70KCT	2⅜"	½	3.92
54 C 3979	A	400CT	195K	1¾"	½	3.44

M STANDARD LINE-TO-VOICE-COIL TRANSFORMERS

500-ohm primary, except *2000/1500/1000/500 and §3000/2000/1500/1000/500 ohms. †Fig. E.

Stock No.	Secondary Imp., Ohms	Audio Watts	Size HxWxD	Wt., Lbs.	EACH
54 C 1442	4-8	*4	1⅜x2⅜x1½"	½	2.50
54 C 1423	6-8/3.2	5	1⅜x2⅜x1½"	½	2.00
54 C 1425	6-8/3.2	*8	1⅝x2 13/16x1⅝"	¾	3.10
54 C 1443	4-8	*12	2x3¼x1⅞"	1¾	3.38
54 C 1451	4/8/16	†§10	2⅜x2⅞x1⅞"	1¾	4.18
54 C 1424	15/8 6/4	†25	2⅜x2⅞x1⅞"	1¾	3.66

25-VOLT LINE-TO-VOICE-COIL TRANSFORMERS

Secondaries: 4, 8, 16 ohms, except *3.2-4, 6-8.

Stock No.	Fig.	Watt Taps	Max. Watt	Size	Wt., Lbs.	EA.
54 C 1436	M	2, 1, 0.5	*2	1 3/16x2 1/16x1¼"	¼	2.81
54 C 1437	M	5, 2.5, 1.25, 0.625, 0.31	*5	1⅝x2 13/16x1⅝"	¾	2.99
54 C 1438	M	10, 5, 2.5, 1.25, 0.625	10	2¼x3 11/16x2"	1¾	4.61
54 C 1439	M	18, 9, 4.5, 2.25, 1.12	18	2⅝x4x2¼"	2½	4.46

70.7-VOLT LINE-TO-VOICE-COIL TRANSFORMERS

Secondaries: 4, 8, 16 ohms, except *3.2-4, 6-8. †High-fidelity.

Stock No.	Fig.	Watt Taps	Max. Watt	Size	Wt., Lbs.	EA.
54 C 1440	M	2, 1, .5	*2	1 3/16x2 1/16x1¼"	¼	2.87
54 C 2081	M	5, 2.5, 1.25, .62, .31	*5	1⅜x2⅜x1½"	¾	2.82
54 C 1422	E	8, 4, 2, 1, 0.5	8	2x2⅜x1⅝"	¾	3.73
54 C 2077	M	10, 5, 2.5, 1.25, .62	10	1⅝x2 13/16x1⅝"	¾	3.54
54 C 2078	E	18, 9, 4.5, 2.25, 1.12, .56	18	2⅜x2⅞x1⅞"	1¾	4.36
54 C 1450	E	16, 8, 4, 2, 1, 0.5	16	2¾x3⅛x2¼"	2	5.58
54 C 2079	M	24, 12, 6, 3, 1.5, .75	24	2¼x3 11/16x2¼"	1¾	5.30
54 C 1441	M	5, 2.5, 1.25, .625, .31	†5	1⅝x2 13/16x1⅝"	¾	3.74

E LINE TO LINE OR VOICE COIL TRANSFORMER

Designed to operate one or more speakers, in parallel, across a 500-ohm line. Primary impedance: 500-1000-1500-2000-2500-3000 ohms. Secondary impedance: .06 to 8 ohms when primary is 500 ohms; .12 to 16 ohms when primary is 1000 ohms, etc. Size: 2⅜x2⅞x2". Mounting center: 2⅜". Audio power: 15 watts. Shpg. wt., 2 lbs.

54 C 3978..Each 4.74

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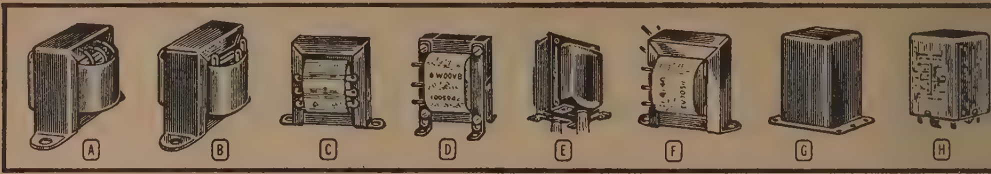

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FILAMENT TRANSFORMERS

Primaries, 117 volts, 50-60 Hz, except ‡6.3 volts. *107 V tap on primary. All center-tapped, except †. §Has electrostatic shield.

Stock No.	Fig.	V	Amps	Insul., rms V	Size H x W x D	Wt., Lbs.	EACH
54 C 2319	D	2.5	10.0	10000	3⅜x2⅞x2½"	2¾	7.89
54 C 3712	A	2.5†	1.5	2500	1 11/16x2 13/16x1 9/16"	¾	3.36
54 C 3711	F	2.5*	10.0	7500	3⅛x3 9/16x3"	2½	4.70
54 C 4132	A	2.5	3.0	1500	1 11/16x2 13/16x1⅞"	¾	3.11
54 C 1478	F	2.5	5.0	5000	2¾x3⅛x2⅛"	1¾	4.25
54 C 1474	E	2.5	10.0	2500	3 3/16x2⅝x2 11/16"	2¾	5.74
54 C 4133	A	2.5	10.0	3000	2⅜x3¾x2⅜"	1¾	5.16
54 C 1475	A	5.0	3.0	2500	2x3¼x2"	1½	3.70
54 C 2028	A	5.0	6.0	2500	2⅜x3⅝x2¼"	1¾	4.45
54 C 3713	E	5.0*§	3.0	2500	3⅛x2⅝x2 9/16"	2½	6.03
54 C 3714	D	5.0	15.0	2500	3x2½x3"	3	8.44
54 C 2320	D	5.0	10.0	2500	3⅛x2½x3"	3½	6.13
54 C 2321	D	5.0	21.0	2500	3¾x3⅛x3¼"	5	10.01
54 C 2322	E	5.0	30.0	2500	4⅝x3¾x4"	7½	13.77
54 C 3715	A	6.3‡†	1.2	5000	2x3¼x1 15/16"	1	3.49
54 C 3716	F	6.3‡†	3.0	7000	3⅛x3 9/16x2¾"	2	6.31
54 C 3717	E	2(6.3)	3.0	1500	3⅛x2⅝x2 11/16"	2½	7.36
54 C 3719	E	4(6.3)	1.75	1500	3⅛x2⅝x3 1/16"	3¼	8.54
54 C 2323	A	6.3†	1.2	5000	2x3¼x1⅞"	1	3.10
54 C 2324	D	6.3§	3.0	2500	3⅛x2½x2⅜"	2	5.10
54 C 2325	F	6.3	6.0	2000	3⅛x3 9/16x2½"	2½	4.34
54 C 2326	D	6.3*	20.0	2500	4⅝x3¾x2⅞"	7¼	11.35
54 C 1416	A	6.3	0.6	1500	1⅜x2⅜x1⅝"	½	1.91
54 C 2030	A	6.3	1.0	1500	1⅝x2 13/16x1¾"	¾	2.31
54 C 1419	A	6.3	1.2	3000	1⅝x2 13/16x1⅞"	¾	2.10
54 C 2031	A	6.3	3.0	2500	2x3¼x2⅜"	1½	2.15
54 C 1477	E	6.3*§	4.0	2500	3 3/16x2⅝x2 11/16"	2¾	6.00
54 C 4134	E	6.3	6.0	1500	3⅛x2⅝x2¾"	2½	7.31
54 C 1417	D	6.3	6.0	2500	3x2½x2¼"	2½	5.89
54 C 1418	D	6.3*	10.0	2500	3⅜x2 13/16x2⅞"	3½	7.57
54 C 4135	E	6.3§	20.0	2000	3⅞x3 5/16x4⅛"	7	11.63
54 C 2327	D	7.5§	4.0	2500	3⅛x2½x2 11/16"	2¾	5.41
54 C 2328	D	7.5§	8.0	2500	3¾x3⅛x2⅞"	4¼	8.79
54 C 2329	D	10.0§	4.0	2500	3⅜x2 13/16x2¾"	3½	6.90
54 C 2330	D	10.0§	8.0	2500	3¾x3⅛x3"	5	8.79
54 C 3720	D	10.0*§	5.0	2000	3x2½x4¾"	3	5.57
54 C 3721	E	10.0	10.0	2000	3⅞x3¼x3⅝"	5¾	10.06
54 C 3722	E	11.0*§	10.0	2500	4⅝x3⅞x3¾"	6¼	11.76
54 C 3723	D	CT at 12-11-10	11.0	pri-1500 sec-3000	4⅛x3 7/16x3⅛"	6½	15.13
54 C 3725	E	12.6	2.5	1500	3½x2 15/16x3 3/16"	3¾	8.87
54 C 4709	A	12.6	3.0	1500	2 5/16x3 11/16x2⅜"	1¾	5.07
54 C 4136	A	12.6	1.5	1500	2x3¼x2"	1½	4.07
54 C 1420	A	12.6	2.0	1500	2x3¼x2¼"	1½	3.68
54 C 4137	A	12.6	2.5	1500	2¼x3⅝x2¼"	1¾	5.02
54 C 4710	A	24.0	1.0	1500	2x3¼x2"	1½	4.49
54 C 1421	A	25.2†	1.0	1500	2x3¼x2⅛"	1½	3.63
54 C 4140	A	25.2	2.0	1500	2⅝x4x2⅜"	2½	6.26
54 C 1476	A	26.5	0.6	3000	2x3¼x2"	1½	3.33
54 C 4145	A	26.8	1.0	1500	2x3¼x2⅛"	1½	4.05

A STANDARD OUTPUT TRANSFORMERS

Couple plate of output tube to speaker voice coil. For class A amplifiers. §4.5% primary tap. *Fig. F. Shpg. wt. ¾ lb.

Stock No.	Primary Imp.	Primary mA	Sec. Imp.	Audio Watts	Size H x W x D	EACH
54 C 1401	2000	50	3.2	3	1¼x2⅛x1¼"	1.58
54 C 2065	2000	50	3.2	5	1⅜x2⅜x1⅜"	1.58
54 C 1445	§2000	60	3.5	5	1⅜x2⅜x1½"	2.29
54 C 1402	2000	60	4	5	1⅜x2⅜x1⅜"	1.89
54 C 2063	2500	50	3.2	3	1¼x2⅛x1⅜"	1.97
54 C 1400	4000	10	3.5	3	1¼x2⅛x1¼"	1.58
54 C 2064	5000	40	3.2	3	1¼x2⅛x1⅜"	1.97
54 C 1403	5000	40	4	5	1⅜x2⅜x1⅜"	1.68
54 C 1446	*5000	40	6-8	10	2⅜x2⅞x1⅞"	2.64
54 C 1447	7000	30	4	5	1⅜x2⅜x1⅜"	1.79
54 C 2093	8000	20	3.2	3	1¼x2⅛x1⅜"	1.58
54 C 1448	10,000	30	4	5	1⅜x2⅜x1⅜"	1.74
54 C 1449	25,000	5	4	5	1⅜x2⅜x1⅜"	2.08

Allied's own Knight transformers carry a one year warranty against defects in workmanship

UNIVERSAL OUTPUT TRANSFORMERS

CT primary, except *single-ended output. 6 taps on seconda Match single-ended or push-pull operated tubes to voice coi speaker.

Stock No.	Fig.	Primary Impedances	Watts	Mtg. Ctrs.	Wt., Lbs.	EA
54 C 2023	B	2000-14,000 ohms	4	2"	½	2.
54 C 2021	B	2000-14,000 ohms	8	2⅜"	¾	3.
54 C 1452	C	2000-14,000 ohms	8	2"	¾	3.
54 C 2022	C	2000-14,000 ohms	18	2⅜"	1¼	4.
54 C 1453	B	6000-10,000 ohms	8	2 13/16"	1¼	3.
54 C 1404	B	*7000-10,000 ohms	4	2"	½	1.
54 C 1454	B	5000, 10K, 20K	15 mA	2 13/16"	1	4.

FIXED-IMPEDANCE OUTPUT TRANSFORMERS

For a wide variety of audio applications. All have center-tap primary for push-pull operation.

Stock No.	Fig.	Impedance, Ohms Primary	Impedance, Ohms Secondary	Audio Watts	Mtg. Centers	Wt., Lbs.	EA
54 C 1457	A	4000	8/16/32	7½	3⅛"	1¾	4.
54 C 1455	E	6600	4/8/16/250/500	35	2½x2¼"	5¼	10.
54 C 1456	A	25K	4	5	2"	½	2.

HIGH-FIDELITY PUSH-PULL OUTPUT TRANSFORMERS

For use in high-fidelity audio amplifiers. Screen taps on primary ultra-linear operation, except *no screen tap. Frequency respo flat from 15 to 35,000 Hz, except types without screen tap 20-20,000 Hz. Secondaries 4, 8, 16 ohms, except ‡8, 16.

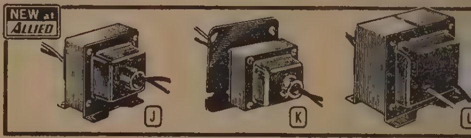
Stock No.	Fig.	Watts	P-P Imp.	mA	Size H x W x D	Wt., Lbs.	EAC
54 C 2082	H	12	8000	60	3¾x3x3¼"	3½	11.
54 C 2018	H	*18	8000	65	3¾x3x3¼"	3½	12.
54 C 2019	G	30	6600	100	4¼x3⅝x4½"	7	20.
54 C 2024	E	12	8000	60	3⅛x2⅝x2¾"	2½	9.
54 C 2058	A	*18	8000	65	2⅝x4x2½"	2¼	7.
54 C 2054	E	24	6600	75	3⅞x3¼x3⅞"	6	16.
54 C 2059	E	30	6600	100	3⅞x3¼x4"	6	17.
54 C 2395	E	*‡50	5000	150	4¼x3½x4"	7	16.
54 C 2397	E	*‡50	6600	125	4¼x3½x4"	7¼	16.

OSCILLOSCOPE TRANSFORMERS

Pri. 117 V 60 Hz; *50-60 Hz. †2.5 V @ 2.2A; or 6.3 V @ 0.6 ††2.5 V @ 2.2 A.

Stock No.	Fig.	Plate Supply Volts AC	DC mA	Rect. Volts	Fil. Amps	Mtg. Centers	Wt., Lbs.	E
54 C 3726	G	1550 halfwave	1.5	2.5	1.75	1¾x2 11/16"	1¾	10
54 C 3727*†	E	1800 halfwave	2.0	2.5	1.8	2½x2 15/16"	5	11
54 C 3728††	E	2400 halfwave	5.0	2.5	2.0	2¾x2¾"	6½	14

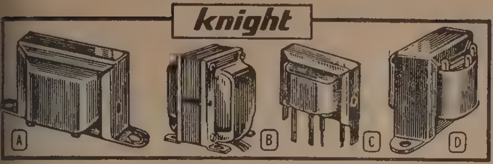
U.L. RECOGNIZED CONTROL TRANSFORMERS



Industrial control transformers, recognized under the Compon Program of Underwriter's Laboratories, Inc., for use where a 1 volt or low voltage 24-volt line is required. For 50/60 Hz operati *Mounts onto a standard conduit box.

Stock No.	Fig.	VA Rating	Size, Hx W x D	Mtg. Ctr's W x D	Wt., Lbs.	EA
54 C 2275	K	50	4 5/32x4 5/32x4	*	3¼	6.
54 C 2276	J	100	3½x3¾x4¼	3¼x1 13/16	5	9.
54 C 2277	J	150	3½x3¾x5	3¼x2 9/16	6⅞	9.
54 C 2278	L	250	4x4½x4⅞	3¾x3 3/16	10¼	13.

Transformers, TV Flybacks and Yokes



TRANSISTOR TRANSFORMERS

Allied's own line of economically priced, ruggedly constructed, transistor transformers. All are made from high-quality materials and provide excellent power-handling capabilities and frequency response along with a minimum amount of distortion. Included are a wide selection of miniature input, output, interstage and driver transformers in a variety of impedance and ratio values for most transistor circuit requirements. In tables below, impedance and resistance-values are given in ohms. Av. shpg. wt., 6 oz. **Write, wire or phone Allied for information on quantity purchases of ten or more transformers of one type.**

INPUT TRANSFORMERS

Stock No.	Fig.	Pri. Imp.	Sec. Imp.	Watts	Size H x W x D	Mtg. Ctrs.	EACH
54 C 4146	A	600 CT	10	.050	13/16x1⅝x¾″	1⅜″	2.36
54 C 2355	C	30 CT	50K	.150	21/32x13/16x9/16″	25/32″	4.03
54 C 2356	A	1K CT	200K CT	.300	13/16x1⅝x¾″	1⅜″	4.03

OUTPUT TRANSFORMERS

Stock No.	Fig.	Pri. Imp.	Sec. Imp.	Watts	Size H x W x D	Mtg. Ctrs.	EACH
54 C 2357	C	350 CT	4, 12	.150	21/32x13/16x9/16″	25/32″	3.90
54 C 2358	C	500 CT	4, 8, 16	.150	21/32x13/16x9/16″	25/32″	4.03
54 C 2359	C	600 CT	4, 8, 16	.150	21/32x13/16x9/16″	25/32″	4.24
54 C 2360	C	825 CT	4, 8, 16	.150	21/32x13/16x9/16″	25/32″	4.03
54 C 2361	C	1250	4, 12	.150	21/32x13/16x9/16″	25/32″	3.84
54 C 2362	C	2500	4, 16	.150	21/32x13/16x9/16″	25/32″	3.84
54 C 2363	C	10K CT	4, 8, 16	.150	21/32x13/16x9/16″	25/32″	4.15
54 C 4150	A	2000 CT	4, 8, 16	.200	13/16x1⅝x¾″	1⅜″	6.11
54 C 2365	A	100 CT	4, 8, 16	.300	13/16x1⅝x¾″	1⅜″	4.16
54 C 2367	A	400 CT	4, 8, 16	.300	13/16x1⅝x¾″	1⅜″	4.07
54 C 2368	A	500 CT	4, 8, 16	.300	13/16x1⅝x¾″	1⅜″	4.07
54 C 2369	A	700 CT	4, 8, 16	.300	13/16x1⅝x¾″	1⅜″	4.34
54 C 2370	A	2500	4, 8, 16	.300	13/16x1⅝x¾″	1⅜″	4.07
54 C 2371	A	3000	4, 8, 16	.300	13/16x1⅝x¾″	1⅜″	4.07
54 C 2336	A	48 CT	8, 16	5	2x3 5/16x1¾″	2 13/16″	4.50
54 C 2337	A	20 CT	8	10	1 7/16x2⅜x1¾″	2″	2.28
54 C 4147	A	48 CT	3.2, 8, 16	10	2 5/16x2⅞x2″	2⅜″	3.70
54 C 4149	A	100 CT	3.2, 8, 16	10	2 5/16x2⅞x2″	2⅜″	3.70

INTERSTAGE TRANSFORMERS

Stock No.	Fig.	Pri. Imp.	Sec. Imp.	Watts	Size H x W x D	Mtg. Ctrs.	EACH
54 C 2340	A	500 CT	5K CT	1.0	1 7/16x2⅜x1⅜″	2″	3.11
54 C 2372	C	100 CT	10 CT	.150	21/32x13/16x9/16″	25/32″	3.86
54 C 2373	C	500 CT	50	.150	21/32x13/16x9/16″	25/32″	3.99
54 C 2374	C	500 CT	50K	.150	21/32x13/16x9/16″	25/32″	4.07
54 C 2375	C	1200	20K CT	.150	21/32x13/16x9/16″	25/32″	3.90
54 C 2376	C	1500	500 CT	.150	21/32x13/16x9/16″	25/32″	3.80
54 C 2377	C	5K CT	7500 CT	.150	21/32x13/16x9/16″	25/32″	4.02
54 C 2378	C	5K CT	10K CT	.150	21/32x13/16x9/16″	25/32″	3.97
54 C 2386	C	10K	200 CT	.150	21/32x13/16x9/16″	25/32″	3.90
54 C 2387	C	10K	2K CT	.150	21/32x13/16x9/16″	25/32″	3.97
54 C 2390	C	500 CT	150 CT	.150	21/32x13/16x9/16″	25/32″	3.90
54 C 4180	C	20K	800 CT	.150	21/32x13/16x⅝″	25/32″	3.29
54 C 2338	A	100 CT	10 CT	.250	1¼x2 1/16x1⅜″	1¾″	2.29
54 C 2339	A	100	1K CT	.250	1 7/16x2⅜x1⅜″	2″	2.29
54 C 2391	A	100K	1500 CT	.300	13/16x1⅝x¾″	1⅜″	4.05
54 C 4174	A	500 CT	500 CT	.300	13/16x1⅝x¾″	1⅜″	3.78

A DRIVER TRANSFORMERS

Stock No.	Fig.	Pri. Imp.	Sec. Imp.	Watts	Size H x W x D	Mtg. Ctrs.	EACH
54 C 4151	A	1000	200 CT	.050	⅝x1¼x½″	1 1/16″	5.57
54 C 4153	A	100	200 CT	.500	1¼x2x1¼″	1¾″	2.55
54 C 4165	A	500 CT	200 CT	.500	1¼x2x1¼″	1¾″	2.51
54 C 4166	A	100	100 CT	.500	1⅝x2 1/16x1⅜″	2⅜″	2.26
54 C 4152	A	20	36 CT	1.0	1 11/16x2 13/16x1¼	1¾″	2.21
54 C 3986	A	Pri.-½ Sec. Ratio 1:1			2x2⅜x1 11/16″	2″	3.11

B POWER TRANSFORMERS WITH 117-VAC PRIMARIES

Stock No.	Description	Size H x W x D	Wt., Lbs.	EA.
54 C 3987	Sec. 13 or 18 VAC, 900 mA, DC	3⅛x2⅝x2 15/16″	3	5.72
54 C 3988	Sec. 80 VCT, 1.2 A	3½x2 15/16x3 9/16″	4½	7.82

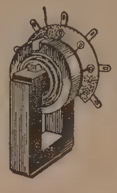
D AUDIO TRANSFORMER

Primary impedance: 2000 ohms, center tapped. Secondary impedance: 200 ohms, center tapped. Maximum primary DC current: 10 mA. Audio watts, 0.1. ⅝x1¼x½″. Mtg. centers: 1 1/16″. Shpg wt., ½ lb

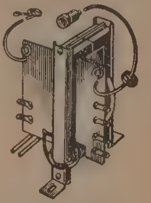
54 C 3985 . . . . **Each 6.06**

Make Allied your headquarters for everything in electronics. This catalog is your guide through the world's largest stock of electronic equipment. You'll like our quick service, too.

STANCOR REPLACEMENT TV HORIZONTAL OUTPUT TRANSFORMERS



- For Replacement in Standard TV Receivers
- Designed to Provide Like-New Performance
- Constructed of Highest Quality Materials
- Minimum Alteration of Chassis or Circuit
- Same Characteristic as Original Unit



Top-quality flyback transformers for replacement in standard television receivers. Every transformer faithfully duplicates electrical characteristics of the original unit. Manufacturer's own specifications throughout; performance is identical in every respect. Minimum alteration of existing circuit or chassis is required; easy installation is assured. Stancor's high degree of quality material and production control insures the utmost in product reliability at the lowest possible cost. *Color. Shpg. wt. per transformer, 1 lb.

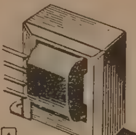
Stock No.	Mfr.	Type	Mfr. Part	EACH
54 C 1206	Admiral	HO-164	79D47	11.42
54 C 1207	Admiral	HO-204	79C60-1-4	8.94
54 C 3459	Admiral	HO 242	79D65 1	8.94
54 C 1204	Admiral	HO-301	79D65-2-4	9.84
54 C 4492	Admiral	HO-351	79E77 11 14/15	9.00
54 C 1208	Admiral	HO-381	79D83-14-15	9.90
54 C 1209	Admiral	HO-382	79D83-18-19-20	8.22
54 C 1210	Admiral	HO-383	79D83 10-11-12	9.00
54 C 1211	Admiral	HO-384	79D83-13	9.90
54 C 1212	Admiral	HO-385	79D109-3	9.00
54 C 1214	Admiral	HO-397	750C647-3	9.00
54 C 1215	Admiral	HO-398	750C647 4	10.38
54 C 1216	Admiral	HO-404	79D117-1	6.67
54 C 1217	Admiral	HO-405	79D117 2-3-4-5	6.67
54 C 1219	Emerson	HO-403	738192	10.20
54 C 3470	GE	HO-254	RTO-129-183 190	8.94
54 C 1568	GE	HO-377	WT 77x41, 42, 44, 45	9.90
54 C 1220	GE	HO 378	WT-77x43, 46, 47, 48	9.90
54 C 1221	GE	HO-389	ET77X74	8.10
54 C 1222	GE	HO-390	ET-77X85, 86	8.10
54 C 1223	GE	HO 394	ET-77X69	8.10
54 C 1224	GE	HO-395	ET-77X67	8.10
54 C 1225	GE	HO-402	ET-77X90	9.60
54 C 1226	Magnavox	HO-379	360-881-1	9.00
54 C 1227	Motorola	HO-280	24K741938	11.42
54 C 1213	Motorola	HO-293	24C736488	12.00
54 C 1184	Motorola	HO-344	24K748397-W	9.90
54 C 1569	Olympic	HO 315	TR-3599-A D 1-2-3-4-5-6	9.00
54 C 1230	Zenith	HO-271	S22448, S22451, S23995 S23998, S24095	8.10
54 C 1231	Zenith	HO-363	49918, 50095, 50097	9.90
54 C 1232	Zenith	HO-364	S51583, S5840-C, S58826	9.90
54 C 1233	Zenith	HO 366	S46564	9.90
54 C 1563	Zenith	HO 380	S58350 S65352-S66717-S68398	11.90
54 C 1589		HO-600C*	Multipurpose	14.40
54 C 1188	. . . .	HO-601C*	Multipurpose	13.50
54 C 1218	Admiral	HO-602C*	Multipurpose	15.00
54 C 1235	Admiral	HO 607C*	Multipurpose	15.00

DEFLECTION YOKES

For 110° deflection angle picture tubes except †90°, ‡70°. Have ferrite cores with cosine-wound windings. All have networks and extra-long leads where needed. *Color. Av. shpg. wt. per yoke, 1½ lbs.

Stock No.	Type	Mfr. Part	EACH
54 C 4590	DY 9A‡	Multipurpose	10.24
54 C 4596	DY-11A‡	Multipurpose	11.24
54 C 3481	DY 13A	Multipurpose	11.42
54 C 1236	DY-16A†	Multipurpose	11.90
54 C 1243	DY-23A†	RCA 972459	10.80
54 C 1570	DY-26A	RCA 906125 504	12.55
54 C 1245	DY-27A	RCA 109965	11.40
54 C 1246	DY-32A†	Motorola 24K74793 (W)	11.10
54 C 1247	DY-38A	Multipurpose	11.24
54 C 1248	DY 39A†	Zenith 95 1427	10.89
54 C 1249	DY-40A	GE M123J655-1-2-3-5	10.80
54 C 1250	DY-41A‡	RCA 79510, 79868	11.24
54 C 1251	DY 42A	RCA 103830	10.80
54 C 1252	DY-44A	Multipurpose	11.90
54 C 1255	DY-45A	Multipurpose	13.20
54 C 1256	DY-46A	Olympic CL26215, CL27854	12.00
54 C 1274	DY-51A	Packard-Bell 29758, A	13.20
54 C 1257	DY-53A	Philco 7610282 5	13.20
54 C 1259	DY-54A	Philco 7612530	13.20
54 C 1260	DY-56A	Zenith 95-2188	12.21
54 C 1261	DY 57AT	Multipurpose	15.00
54 C 1262	DY 58AT	Multipurpose	15.00
54 C 1263	DY-59AT	Multipurpose	13.20
54 C 1264	DY-61AT	Multipurpose	13.22
54 C 1265	DY-63A	Multipurpose	13.17
54 C 1590	DY-90AC*‡	Multipurpose	29.70
54 C 1266	DY-91AC*†	Zenith 95-2501	26.19

Variable and Fixed-Voltage Transformers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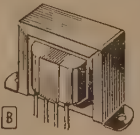
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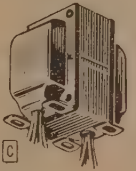
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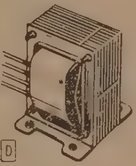
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STANCOR TRANSFORMERS

LOW-CURRENT CONTROL TRANSFORMERS

Versatile low-current transformers with many design and engineering applications. All have three isolated secondaries (one with center tap) for many combinations of output voltages and currents. May be series or parallel connected. Applications include: pilot light, miniature relays, low-current, low-voltage power supplies. Lead wire terminations for fast, e connections to circuit. Color-coded (two black le for primary; brown and silver leads for 1st seconda blue and red leads for 2nd secondary; green and yell leads for 3rd secondary, with green and yellow cen tap lead). 117 V 60 Hz primary, 12-V, secondarie

Stock No.	Mfr's Type	Fig.	Amps Each Sec.	Size H x W x D	Wt., Lbs.	EACH
54 C 3419	P-8361	A	.10	1½x2x1¾″	⅓	3.73
54 C 3420	P-8362	A	.15	1¾x2⅜x2″	⅔	3.85
54 C 3421	P-8363	A	.25	1¾x2⅞x2⅜″	1	4.04
54 C 3429	P-8364	A	.50	2⅛x2⅞x2⅜″	1¼	4.68

MINIATURIZED CONTROL TRANSFORMERS

Primary 117 volts, 60 Hz AC; secondary, 12 volts. Lead wire terminations.

Stock No.	Mfr's Type	Fig.	Secondary Amps			Size H x W x D	Wt., Lbs.	EAC
			rms	Bridge	Half-Wave			
54 C 3432	P-8390	B	.150	.100 DC	.050 DC	1¼x2⅛x1¼″	¼	3.27
54 C 3433	P-8391	B	.350	.225 DC	.110 DC	1⅜x2⅜x1⅜″	⅓	3.39
54 C 3435	P-8392	B	.700	.450 DC	.225 DC	1½x2⅞x1⅝″	⅔	3.54
54 C 3436	P-8393	B	1.200	.750 DC	.375 DC	1⅝x3¼x2″	1	4.47

Primary, 117 volts, 60 Hz AC; secondary 24 volts, CT. Lead wire terminations.

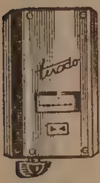
Stock No.	Mfr's Type	Fig.	rms	Bridge	Half-Wave	Size H x W x D	Wt., Lbs.	EAC
54 C 3441	P-8394	B	.085	.135 DC	.065 DC	1¼x2⅛x1¼″	¼	3.57
54 C 3442	P-8395	B	.200	.275 DC	.135 DC	1⅜x2⅜x1⅜″	⅓	3.72
54 C 3445	P-8396	B	.400	.550 DC	.270 DC	1½x2⅞x1⅝″	⅔	3.87
54 C 3453	P-8397	B	.700	.925 DC	.450 DC	1⅝x3¼x2″	1	4.80

TRANSISTOR STEREO POWER TRANSFORMERS

Designed to provide the most popular DC voltage and current ratings from full wave center tap or bridge rectifier circuits. With 117 volt, 60 Hz primary a lead terminations. 1500 volts rms insulation test

Stock No.	Mfr's Type	Fig.	Secondary #1		Secondary #2		Size, In. H x W x D	Wt. Lbs.	EAC
			Volts	Amps	Volts	Amps			
54 C 1275	P-8197	C	50 CT	1.0 rms	...	....	3⅛x2½x2½	2¼	6.4
54 C 1276	P-8198	C	54 CT	0.5 rms	6.3	.5 rms	2⅝x2¼x2⅝	1¾	5.9
54 C 1277	P-8193	D	17/18	6.0 rms	...	....	3 13/16x3⅛x3 5/16	6	10.9
54 C 1278	P-8194	D	36	3.0 rms	36	3.0 rms	4 9/16x3¾x3 11/16	10	18.4
54 C 1279	P-8196	C	80 CT	1.2 DC	...	....	3½x2 13/16x3⅛	4½	8.4

TERADO 110-AC LINE VOLTAGE ADJUSTERS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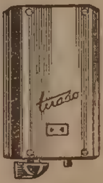

F

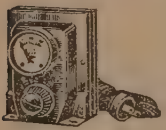
E Model 50-172 "Saturn" Adjuster. Changes AC line input voltage by as much as 25 volts above or below the normal 110-120 volt AC range. Built-in AC voltmeter provides accurate voltage control. Capacity: 300 watts continuous; 500 watts intermittent. Can be used to regulate the speed of any power tool with up to ⅓ hp rating. (Decreases speed without any noticeable power torque loss.) Dims or brightens incandescent lamps. Excellent for increasing or decreasing AC line voltage where exact voltages are needed for precision equipment. Size, 5½x3x2¼″. Shpg. wt., 3 lbs.
21 C 4449 .... 14.64

F Model 50-173 "Jupiter" Adjuster. Increases or decreases spe of hand tools operating from 110-120 volt AC line. Chan regular line voltage 20 volts above normal, or lowers voltage seven steps to 50 volts. Capacity: 300 watts continuous; 500 wa intermittent. Size, 5½x3½x2¼″. Shpg. wt., 3 lbs.
21 C 4450 .... 12.

F Model 50-203 "Planet" Adjuster. Designed for increased e ciency of light-duty motorized equipment, hi-fi, portable T Output: 95-135 volts from 110-120 VAC input. Capacity: 150 wa continuous; 300 watts intermittent. 5½x3x2¼″. Shpg. wt., 2 l
21 C 4451 .... 7.

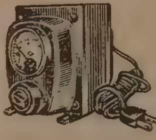
F Model 50-204 "Polaris" Adjuster. As "Planet" above, but higher wattages. Output: 95-135 V. Capacity: 300 watts co tinuous; 500 watts intermittent. 5½x3x2¼″. Shpg. wt., 3 lbs
21 C 4452 .... 9.

ACME TYPE T8394M VOLTAGE ADJUSTER



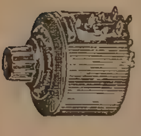
Constant duty, tapped-winding transformer for use where line voltage is above or below normal for long periods of time. With regulating switch and built-in voltmeter. Rated 300 watts. Regulating input switch positions for 95, 100, 105, 110, 115, 120, and 125 volt 50-60 Hz. Has secondary receptacle and 8-ft. cord. 4¾x4x5″.
54 C 2514. Shpg. wt., 6 lbs. 13.40

ACME TYPE T10306 VOLTAGE ADJUSTER



Constant-duty 150 watt step-up/step-do transformer. Built-in voltmeter shows s ondary output. Primary winding tapped 65, 75, 90, 115, 130, 145 volts, 50-60 I Nonaging silicon steel laminations. Co impregnated with high dielectric insulati material. With 8′ cord, plug, output rec tacle. 4¼x4¼x4¼″. Mtg. center, 5¼x3
54 C 2501. Shpg. wt., 7 lbs. .... 20.

OHMITE SMALL VARIABLE TRANSFORMERS



Three-bushing-mounted variable transformers offer six ratings from 1 to 3 amps. Wide frequency range extends from 60 to over 400 Hz on all models. Exclusive adjustable shaft makes it possible to extend shaft from either end. Shaft may also be removed, and a longer one substituted. Also features replaceable snap-in brush contact with built-in heat sink. Diameter (all models): 2⅞″. Length: VT1, 1 13/16″; VT02, 2 5/16″; VT3, 2 13/16″.

Stock No.	Mfr's Type	Max. Amps	Max. V Input	Output Volts	Wt., Lbs.	EAC
54 C 3800	VT1	1.0	120	0-120/132	1½	9.0
54 C 3801	VT1N	1.2	120	0-120	1½	9.0
54 C 3802	VT02	1.75	120	0-120/132	2¼	10.0
54 C 3803	VT02N	2.0	120	0-120	2¼	10.0
54 C 3804	VT3	2.6	120	0-120/132	3	11.5
54 C 3805	VT3N	3.0	120	0-120	3	11.5
54 C 3806	6507	Brush Contact Assembly			1 oz.	1.0

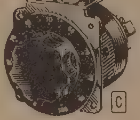
Variable Autotransformers

STACO VARIABLE AUTOTRANSFORMERS

Wide selection of variable transformers designed for efficiency, reliability and minimum maintenance. Where possible, all models have epoxy coated coils for increased commutator stability. Optimum core and coil design results in higher current ratings and greater overload capabilities. Units are designed to deliver output voltages of zero to line voltage or zero to 17% above line voltage. Terminals permit connection for increasing voltage with either clockwise or counterclockwise rotation of the knob. Regulation is substantially independent of the load; zero waveform distortion. Experiences only moderate temperature rise during operation. Precious metal plating of commutator surface. Operate at 50-60 Hz, except: *60 Hz operation only at over voltage.

A

B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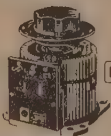
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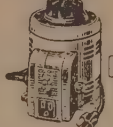
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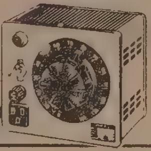
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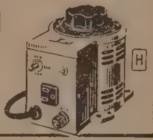
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120-VOLT SINGLE-PHASE PANEL MOUNTING

Stock No.	Mfr's Type	Mfr's Old Type	Fig.	Output Volts	Output Amps	Output kVA	Size	Wt., Lbs.	EACH
54 C 2583	121	100BU	A	*0-120/132	1.25	.165	2 13/16x2 3/32″	3	10.00
54 C 4307	171	175BU	A	*0-120/132	1.75	.23	2 13/16x2 9/16″	3	10.25
54 C 2579	251	250BU	A	*0-120/132	2.5	.33	2 13/16x2 9/16″	3.5	11.25
54 C 2580	301	300BU	B	*0-120/140	3.0	.42	3 11/16x3 11/16	5	15.50
54 C 4306	371	375BU	C	*0-120/140	3.75	.53	3¾x3¾x3¼″	5	13.75
54 C 1614	501	451	C	0-120/140	5.0	.70	3¾x3¾x3 5/16″	5	16.00
54 C 1967	601	T51U	C	0-120/140	6.0	.84	4½x4½x3 15/16″	6	21.00
54 C 2582	751	500BU	D	0-120/140	7.5	1.05	5 11/16x5″	10	20.00
54 C 4681	SQ751	SQ500BU	C	0-120/140	7.5	1.05	4½x4½x3 15/16″	10	19.50
54 C 1615	1010	1000	E	0-120/140	10.0	1.4	5 1/16x5x4 3/16″	11	20.50

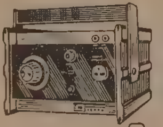
120-VOLT SINGLE-PHASE PORTABLES WITH CORD AND RECEPTACLE

Models housed in rugged case and include pilot light, switch, fuse, line cord and plug with matching receptacle. 2PF models are equipped with 2-wire cord, plug and receptacle; 3-wire grounded cord, plug and receptacle. **60 Hz only.

Stock No.	Mfr's Type	Mfr's Old Type	Fig.	Output Volts	Output Amps	Output kVA	Size	Wt., Lbs.	EACH
54 C 0977	2PF171	PA-175	F	**0-132	1.75	.23	3⅞x3⅞x3½″	3.5	19.00
54 C 2581	2PF751	500B	G	0-120/140	7.5	1.05	5 11/16x7¼x5¾″	11	28.00
54 C 1618	3PN1010	3PN1000	H	0-120/140	10.0	1.4	6⅞x5x4 7/16″	12.5	32.50

DELUXE AUTOTRANSFORMERS FOR CLASSROOM, LABORATORY AND PRODUCTION USES

Staco Variable Voltage Autotransformers combine the best in electrical and construction principles for long, efficient operation in the classroom, laboratory or production line. Safe to use and tamperproof—designed with student curiosity in mind. Positive stops on all control knobs. Convenient outlets on most models. Circuit breakers used where possible to avoid fuse replacement. Pilot lights on all models. Rated for continuous operation at output voltages 10% to 17% over input voltage. Efficiency is as high as 98%, with better than 5% voltage regulation at maximum output voltage and rated current. Silicon steel cores. Diode protected meter movements are accurate within 2%. Type E501V has built-in voltmeter. All have 120 V outlet, except‡. All 50-60 Hz AC, except, †60 Hz only.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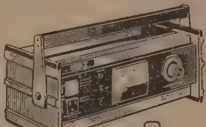
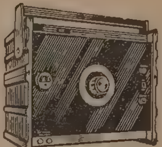

K

WIDE RANGE OF OUTPUTS TO MEET VIRTUALLY EVERY REQUIREMENT

Stock No.	Mfr's Type	Fig.	AC input Volts	AC Output Volts	AC Output Amps	kVA	Size, Inches	Wt., Lbs.	EACH
54 C 1600	E171	J	120	0-132	1.75	.23	5⅞x9 9/16x3⅝	9	25.50
54 C 1601	E371	J	120	0-120/0-140	3.75	.52	7⅜x11 3/16x4⅞	12	27.00
54 C 1612 X	E501V	K	120	0-120/0-140	5	.7	7⅜x15 7/16x5⅞	13	60.00
54 C 1603 X	E1010	J	120	0-120/0-140	10	1.4	7⅜x11 15/16x5⅞	19	40.50
54 C 1606 X	E1210†	J	120	0-120	12	1.44	7⅜x11 15/16x5⅞	20	48.00
54 C 1607 X	E1020‡	J	240	0-280	3.5	.98	7⅜x11 15/16x5⅞	19	48.50
54 C 1608 K	E1710‡	L	120	0-140	17	2.38	11¼x14 9/16x5⅞	35	84.20
54 C 1609 K	E1720‡	L	240	0-280	10	2.8	11¼x14 9/16x5⅞	35	86.50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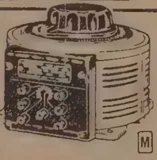
SUPERIOR POWERSTAT® VARIABLE TRANSFORMERS

Deliver continuously adjustable output voltage from AC line. Zero waveform distortion, good regulation, conservative ratings. For 50-60 Hz. (‡60 Hz only.) Enclosed for plane-surface mtg. except 10B, 21, 22. Suffix "U" indicates open types for panel mtg. Series 21, 22, 126, 136B, 236B are for panel or surface mtg. Prefix "Q" same as Fig. P, but 4-hole square mtg. plate. †When mounted on metal panel; for non-metal panel, or bracket mtg., derate to 1.75 amps with corresponding reduction in maximum kVa.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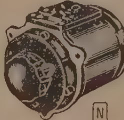
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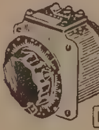
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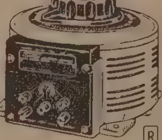
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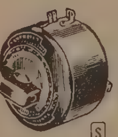
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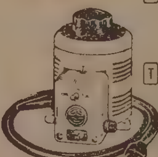
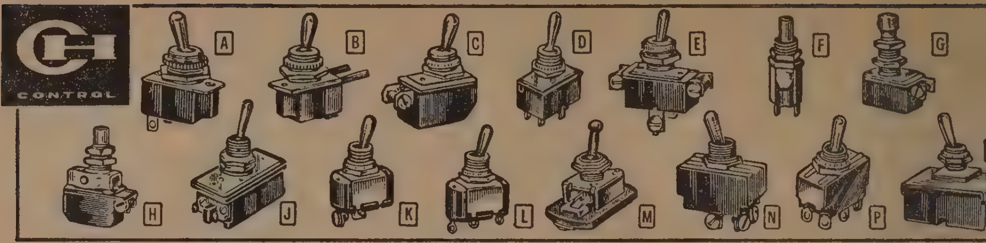

T

SINGLE-PHASE TYPES

*In table indicates unit is equipped with 3-wire plug and receptacle. Type 22 uses new coil-winding technique for higher voltage rating without size and weight increase.

Stock No.	Mfr's Type	Fig.	Input Volts	Output Volts	Output Amps	Output kVA	Max. Size (DWH)	Wt., Lbs.	EACH
54 C 1667	‡117BU	N	120	0-120	12.0	1.4	5x5⅛x5¾″	11	23.00
54 C 4310	‡Q117U	N	120	0-120	12.0	1.4	4⅞x4¼x5 11/16″	11	23.00
54 C 1163	21	P	120	0-140	4.5	0.63	3⅜x3¾x4½″	6	16.00
54 C 2524	116BU	N	120	0-140	10.0	1.4	5x5⅛x5¾″	11	21.00
54 C 4311	Q116U	N	120	0-140	9.0	1.3	4⅞x4¼x5 11/16″	11	21.00
54 C 1669	126U	R	120	0-140	15.0	2.1	4¼x6x6¾″	16	39.00
54 C 2543 K	136B	M	120	0-140	22.0	3.1	8⅞x7¾x6⅛″	24½	62.00
54 C 2577 K	146	M	120	0-140	30.0	4.2	11x10x6⅜″	38	98.00
54 C 4316	Q216U	N	240	0-280	3.5	0.98	4⅞x4¼x5 11/16″	11	25.00
54 C 1673	‡217BU	N	240	0-240	5.0	1.2	5x5⅛x5¾″	11	27.00
54 C 3024	22	P	240	0-280	2.25	0.63	4 9/16x3¾x4 13/16″	6	24.00
54 C 1678 K	236B	M	120-240	0-280	10.0	2.8	8⅞x7¾x6⅛″	23¾	62.00
54 C 1666	*3PN117B	T	120	0-120	12.0	1.4	7¼x5⅛x6½″	12	37.00
54 C 2536	‡10B	S	120	0-132	†2.25	0.3	2⅛x2⅞x3⅛″	2.4	11.00
54 C 2525	116B	T	120	0-140	10.0	1.4	7⅛x5⅛x6½″	12	29.00
54 C 2527	216B	T	240	0-280	3.5	0.98	7⅛x5⅛x6½″	12	33.00

Cutler-Hammer Switches



AC-DC PUSHBUTTON AND TOGGLE SWITCHES

LIGHT-DUTY TYPES

Convenient one-hole-mounting switches for installation on flat surfaces. Phenolic case. 15/32" dia. threaded stem; 15/32" stem length, except *1/4". †6" wire leads, ‡screw terminals—others solder lug terminals. ■U.L. Recog., C.S.A. Listed. Av. wt., 3 oz.

SPST

Stock No.	Mfr's Type	Fig.	Amperes 125V	Amperes 250V	EACH
56 C 4527	8280K14*	A	.....	3	.63
56 C 4500	8280K16	A	.....	3	.63
56 C 4784	8290K16†	B	.....	3	.76
56 C 4786	8295K8‡	C	.....	3	.76
56 C 4508	8381K8	C	6	3	.72
56 C 4789	8391K8†	B	6	3	.85
56 C 4791	8396K8‡	C	6	3	.85

SPDT

Stock No.	Mfr's Type	Fig.	Amperes 125V	Amperes 250V	EACH
56 C 4528	8282K12*	D	3	1	.79
56 C 4501	8282K14	D	3	1	.79

DPST

Stock No.	Mfr's Type	Fig.	Amperes 125V	Amperes 250V	EACH
56 C 4529	8360K6*	D	.....	3	1.14
56 C 4502	8360K7	D	.....	3	1.14
56 C 4792	8370K7	D	6	3	1.22
56 C 4793	8372K7‡	D	6	3	1.50

DPDT

Stock No.	Mfr's Type	Fig.	Amperes 125V	Amperes 250V	EACH
56 C 4530	8363K6*	D	.....	3	1.30
56 C 4503	8363K7	D	.....	3	1.30
56 C 5943	8365K7‡	E	.....	3	1.72
56 C 4632	8373K7	D	6	3	1.40
56 C 4795	8375K7‡	E	6	3	1.81

PUSHBUTTON AC-DC TYPES

Momentary-contact. For controlling current by opening or closing of a door—i.e., operate lights in refrigerators, closets, etc. Have solder lugs except *screw-type. Black button, except †1/4" metal button. §Push-push type. ■U.L. Recog. Av. wt., 3 oz.

.75 Amp @ 125 V—.25 Amp @ 250 V

Stock No.	Mfr's Type	Fig.	Action	Lgth. In.	EA.
56 C 5987	8411K12*	F	SPST n.o.	15/32	.48
56 C 4548	8411K11	F	SPST n.o.	15/32	.43
56 C 4631	8411K13	F	SPST n.o.	1/4	.43
56 C 5988	8411K7*	F	SPST n.c.	15/32	.36
56 C 4547	8411K8	F	SPST n.c.	15/32	.31

3 Amps @ 125 V—1 Amp @ 250 VAC

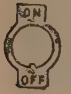
Stock No.	Mfr's Type	Fig.	Action	Lgth. In.	EA.
56 C 4549	8440K2	F	SPST n.o.	15/32	.87
56 C 4541	8440K3*	F	SPST n.o.	15/32	1.01

6 Amps @ 125 V—3 Amps @ 250 V

Stock No.	Mfr's Type	Fig.	Action	Lgth. In.	EA.
56 C 4515	7190K1	H	SPST n.o.	1/2	1.27
56 C 4691	7196K1*	H	SPST n.o.	1/2	1.41
56 C 4518	7199K2	H	DPDT	1/2	2.29
56 C 4519	7208K4*§	G	SPST	11/16	1.09
56 C 3828	8442K4†	...	SPST n.o.	11/32	.96

15 Amps @ 125 V—10 Amps @ 250 VAC

Stock No.	Mfr's Type	Fig.	Action	Lgth. In.	EA.
56 C 3829	8444K4*†	...	SPST n.o.	11/32	1.03
56 C 5538	8448K2*	...	DPST n.o.	11/32	1.48



ON-OFF PLATE

Type 827-228F3. Designed to fit slot in threaded stem of toggle switches. Mounts vertically. Shpg. wt. for 10, 2 oz.

56 C 5671 .... Each .04

AC-DC LIGHT-DUTY TYPES—PLASTIC

Rugged, all-plastic construction for resistance to moisture. Have maximum insulation for added safety. Fast operating. Solder-lug terminals; 11/32" stem length. ■U.L. Recog., C.S.A. Listed. Av. wt., 3 oz.

SPST

Stock No.	Mfr's Type	Fig.	Amperes 125V	Amperes 250V	EACH
56 C 5663	8280K20	A	.....	3	.63
56 C 5664	8281K16	A	6	3	.72

SPDT

Stock No.	Mfr's Type	Fig.	Amperes 125V	Amperes 250V	EACH
56 C 5665	8282K18	D	3	1	.79

DPST

Stock No.	Mfr's Type	Fig.	Amperes 125V	Amperes 250V	EACH
56 C 5666	8360K12	D	.....	3	1.14

DPDT

Stock No.	Mfr's Type	Fig.	Amperes 125V	Amperes 250V	EACH
56 C 5668	8373K12	D	6	3	1.40

HEAVY-DUTY AC-DC TYPES

J For control of moderate horsepower motors, etc. Have screw terminals; 15/32" threaded stem and length. ■U.L., except 8825K5 (Fig. P), which is JAN S-23; *rated 20 amps @ 28 VDC. Wt., 3 oz.

DPST

Stock No.	Mfr's Type	Amperes 125V	Amperes 250V	EACH
56 C 4545	7320K3	16	8	1.27
56 C 4516	7360K8	20	10	2.19
56 C 4517	7402K4	1½ hp	20	2.94

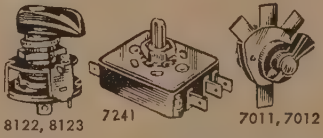
SPST

Stock No.	Mfr's Type	Amperes 125V	Amperes 250V	EACH
56 C 4520	7321K3	16	8	1.37
56 C 4714	7361K5	20	10	2.29

DPDT

Stock No.	Mfr's Type	Amperes 125V	Amperes 250V	EACH
56 C 5669	8680K2	......	5	3.79
56 C 4715	8690K2	15	10	4.59
56 C 4555	8825K5	*20	10	1.63

ROTARY AC-DC AND AC SWITCHES



For fans, air conditioners, etc. Types 7011K1 and 7012K4 are AC-DC; have screw terminals; 3/8" stem. Types 8122K4 and 8123K4 are for AC; have solder-lug terminals; 3/8" stem. 7241K2 is for AC; has "quick connect" 1/4" terminals; 5/16" stem length. ■U.L. Recog., C.S.A. Listed. Av. shpg. wt., 6 oz.

Stock No.	Mfr's Type	Action	Amperes 125V	Amperes 250V	EA.
56 C 5658	7011K1	2 on, 1 off	5	2	1.48
56 C 5659	7012K4	3 on, 1 off	5	2	1.51
56 C 5660	8122K4	2 on, 1 off	3	....	.53
56 C 5661	8123K4	3 on, 1 off	3	....	.58
56 C 5662	7241K2	DPDT	1 hp	15	1.57

AC TOGGLE SWITCHES

LIGHT-DUTY TYPES

Slow make and break switches rated 6 ar @ 125 volts and 3 amps @ 250 volts, exc Type 7140K6, 3 amps @ 125 volts. *C ter-off positions. Have threaded stem di eter of 15/32"; stem length, 15/32", except †1 Solder terminals, except ‡screw termin ■U.L. Recog. Av. shpg. wt., 3 oz.

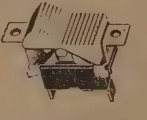
Stock No.	Mfr's Type	Fig.	Action	EA
56 C 4640	7580K4‡	K	SPST	.
56 C 4641	7580K6	K	SPST	.
56 C 4522	7140K6†‡	M	SPDT	.
56 C 4642	7581K4*‡	L	SPDT	.
56 C 4643	7581K6*	L	SPDT	.
56 C 4644	7582K4‡	L	SPDT	.
56 C 4645	7582K6	L	SPDT	.
56 C 4646	7590K4‡	N	DPST	.
56 C 4647	7590K6	N	DPST	.
56 C 4648	7591K4*‡	P	DPDT	1.2
56 C 4649	7591K6*	P	DPDT	.
56 C 4689	7592K4‡	P	DPDT	1.2
56 C 4690	7592K6	P	DPDT	.

STANDARD-DUTY TYPES

For appliances, instruments, small mo driven devices. Rated 10 A at 250 V 15 A at 125 VAC. *Center-off. 15/32" thre ed stem, 15/32" long. †Screw terminals. ‡S der terminals. Wt., 3 oz.

Stock No.	Mfr's Type	Fig.	Action	EA
56 C 4591	7500K14†	K	SPST	.
56 C 4534	7501K13†	K	SPST	.
56 C 4592	7502K13*†	L	SPDT	.
56 C 4796	7503K13*‡	L	SPDT	.
56 C 4593	7504K4†	L	SPDT	.
56 C 4536	7505K4‡	L	SPDT	.
56 C 4594	7560K5†	N	DPST	1.
56 C 4537	7561K4‡	N	DPST	1.
56 C 4596	7562K4*†	P	DPDT	1.
56 C 4539	7563K4*‡	P	DPDT	1.
56 C 4595	7564K6†	P	DPDT	1.
56 C 4538	7565K5‡	P	DPDT	1.
56 C 4543	7611K2‡	R	3PST	1.
56 C 4523	7613K2*‡	R	3PDT	2.
56 C 4798	7615K2‡	R	3PDT	2.

"ROCKETTE" APPLIANCE SWITCHE



Actuator is of mol white nylon. 1⅞x2 1¹⁷⁄₃₂", including flan and terminals. Qui connect "Faston" minals, except *scr All AC 2-position cept † center-off. ■U Recog. Wt., 3 oz.

6 Amps @ 125 V—3 Amps @ 250 V

Stock No.	Type	Action	EA
56 C 5700	8134K21A1M52	SPST	.
56 C 5702	8134K20A1M52	SPDT†	.
56 C 5707	8132K21E6M52	DPST	.
56 C 5709	8132K20E6M52	DPDT†	1.

15 Amps @ 125 V—10 Amps @ 250 V

Stock No.	Type	Action	EA
56 C 5699	8144K21A1M52	SPST	.
56 C 5339	8144K21A1M50*	SPST	.
56 C 5704	8144K20A1M52	SPDT†	.
56 C 5718	8142K21E6M52*	DPST	1.
56 C 5540	8142K21E6M50	DPST	1.
56 C 5712	8142K20E6M52	DPDT†	1.

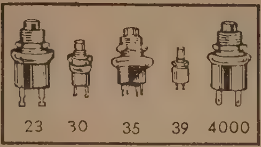
■Recognized Under the Component Program of Underwriter's Laboratories, I

Rotary, Pushbutton, Snap and Knife Switches

GRAYHILL MINIATURE SWITCHES

PUSHBUTTON SWITCHES

Rugged, momentary contact, pushbutton switches with solder-lug type terminals. Normally open types (indicated by N.O. in table) have red buttons. Normally closed types (indicated by N.C. in table) have black buttons.



SERIES 23

Miniature, over 500,000 operations. Shpg. wt., 2 oz.

Stock No.	Mfr's Type	Action	Amps @ 115 VAC	Size L x Dia.	Mtg. Hole	EACH
56 C 4970	23-1	SPST N.O.	¼	1⅓₂x½″	2⅙₄″	1.10

SERIES 30

Subminiature, over 1 million operations. Wt., 2 oz.

Stock No.	Mfr's Type	Action	Amps @ 115 VAC	Size L x Dia.	Mtg. Hole	EACH
56 C 4967	30-1	SPST N.O.	1	1″x⅜″	17/64″	.95
56 C 4966	30-2	SPST N.C.	1	1″x⅜″	17/64″	.95

SERIES 35

Miniature, over 100,000 operations. Wt., 3 oz.

Stock No.	Mfr's Type	Action	Amps @ 115 VAC	Size L x Dia.	Mtg. Hole	EACH
56 C 4964	35-1	DPST N.O.	½	1 7/64x51/64″	31/64″	1.40

SERIES 39

Ultraminiature, over 1 million operations. Wt., 2 oz.

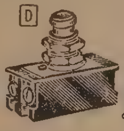
Stock No.	Mfr's Type	Action	Amps @ 115 VAC	Size L x Dia.	Mtg. Hole	EACH
56 C 4968	39-1	SPST N.O.	½	39/64x¼″	11/64″	1.15

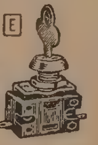
SERIES 4000

Silent action, over 100,000 operations. Wt., 3 oz.

Stock No.	Mfr's Type	Action	Amps @ 115 VAC	Size L x Dia.	Mtg. Hole	EACH
56 C 4870	4001	SPST N.O.	1	1½x51/64″	31/64″	1.00
56 C 4871	4002	SPST N.C.	1	1½x51/64″	31/64″	1.00

ARROW-HART & HEGEMAN SWITCHES





PUSHBUTTON SWITCHES

Momentary-contact types except *push-on, push-off. All for 125 V AC-DC, except †AC only. Have 15/32″ dia. shanks; 9/16″ long, except Type 80630, 7/16″ long. Have solder lug terminals, except § screw-type. 3 oz.

Stock No.	Mfr's Type	Fig.	Action	Button Color	Amps	EACH
56 C 4159	3391-GL†	B	SPST-N.O.	Black	1	.88
56 C 3830	3391-GL†	B	SPST-N.O.	Red	1	.88
56 C 4124	3392-AE†	B	SP2-N.C.	Black	1	1.08
56 C 4129	3392-AE†	B	SP2-N.C.	Red	1	1.08
56 C 3846	80541-E†	A	SPST-N.O.	Black	3	.88
56 C 3847	80541-ER†	A	SPST-N.O.	Red	3	.88
56 C 4152	80630§	D	DPST-N.O.	Nickel	6	1.87
56 C 4160	86710	C	SPST*	Nickel	3	1.24
56 C 4161	86710-C	B	SPST*	Red	3	1.46
56 C 4162	86710-C	B	SPST*	Black	3	1.46
56 C 4163	80863-R	D	DPST	Nickel	8	2.20
56 C 4187	3599-GF	D	DPDT	Red	3	2.19
56 C 4188	3599-GF	D	DPDT	Black	3	2.19

LOCK SWITCHES

E **Type 81715-L.** For use on power tools, appliances, etc. SPST contacts, rated 3 amps @ 250 volts; 6 amps @ 125 volts. Sleeve diameter, 15/32″. Fits panels to 9/32″ thick. 1¾x27/32x29/32″. Switch must be open to remove key. Shpg. wt., 4 oz.

56 C 4156 .... 1.94

56 C 4128. Extra Key. For above. Wt., 1 oz. .... .18

E **Type 81715-LE.** Same as 81715-L switch above, but key is removable in open or closed position. Wt., 4 oz.

56 C 4158 .... 1.94

56 C 3876. Extra Key. For above. Wt., 1 oz. .... .18

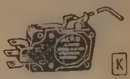
F TYPE 41047 ROTARY SWITCH

Designed for replacement applications in lamps and other medium current AC-DC appliances. SPST action. Rated 3 amps at 125 V; 1 amp at 250 V. Has 6″ leads for easy installation. ⅜″ diameter, with 5/16″ shank. Shpg. wt., 2 oz.

56 C 4165 .... .42

ACRO SNAP-ACTION SWITCHES

LIGHT-PRESSURE SWITCHES

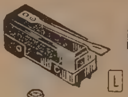


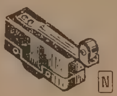
Miniature single-pole, double-throw switches for a variety of applications. Perfect for jobs where space is limited. Also when "pre-travel" distance, weight, or operating force are critical. Type 1CMD1-2AXX-A22 has a flat leaf actuator; Type 2CMD1-2AXX-A24 a wire leaf actuator; all others are basic pin plunger types.

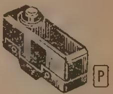
Operating force for 1MD1-1A, 3-6 oz.; 2MD3-1A, 6-10 oz.; 1CMD1-2AXX, 20-27 gr.; 2CMD1-2AXX, 33-44 gr.; 1CMD1-2AXX-A22, 2.5 gr.; 2CMD1-2AXX-A24, 4 gr. Pre-travel for 1MD1-1A, 2MD3-1A, 1/32″; 1CMD1-2AXX, 2CM1-2AXX, 0.040″. Amp ratings for 125-250 volts AC are 3 amps except *10 amps. U.L. Component Program-Recognized. Shock resistant. Solder terminals. Av., 4 oz.

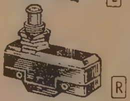
Stock No.	Mfr's Type	Fig.	Basic Switch Size	EACH	
				1-9	10-19
56 C 5009	1MD1-1A*	G	1⅝x9/32x53/64″	1.25	1.13
56 C 5019	2MD3-1A*	G	1⅝x9/32x53/64″	1.25	1.13
56 C 5020	1CMD1-2AXX	H	1⅝x9/32x1 3/64″	1.25	1.13
56 C 5021	2CMD1-2AXX	H	1⅝x9/32x1 3/64″	1.25	1.13
56 C 5024	1CMD1-2AXX-A22	K	3 1/32x9/32x1⅝″	1.55	1.40
56 C 5030	2CMD1-2AXX-A24	J	29/32x29/32x1 19/32″	1.55	1.40

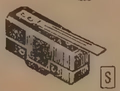
B SERIES SWITCHES WITH MICRO EQUIVALENTS









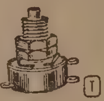


Long-life replacements for micro-switch types shown in table below. All are SPDT with step base design and screw terminals, except Type BRD2-5L, which has flat base and solder terminals. Contacts rated ⅛ HP @ 125 V AC, ¼ HP @ 250 V AC; and 0.5 amp at 120 volts DC. Av. shpg. wt., 4 oz.

Stock No.	Mfr's Type	Micro Equiv.	Fig.	Basic Size	EACH
56 C 3968	BRD2-5L	BZ-2RL	L	2 13/32x1 1/32x11/16″	1.85
56 C 3969	BRD2-1A-1S	BZ-2R-A2	M	1 15/16x31/32x11/16″	1.75
56 C 3970	BRD2 2M-1S	BZ-2RL2-A2	N	2 15/32x1 15/32x11/16″	2.50
56 C 3972	BRD2-7O-1S	BZ-2RD-A2	P	1 15/16x1 3/16x11/16″	2.15
56 C 3973	BRD2-1P-1S	BZ-2RQ1-A2	R	1 27/32x1 15/16x11/16″	3.62
56 C 3971	BRD2-5L-1S	BZ-2RL-A2	S	2 13/32x1 3/32x11/16″	2.00

SNAP-ACTION PUSHBUTTON SWITCHES

Momentary contact pushbutton switches. Type 3DO5-5P, normally open; 3DC5-5P, normally closed; QPD-5031 wires either way. All have overtravel plungers with solder terminals. Amp ratings at 125 VAC. Avg. shpg. wt., 4 oz.



Stock No.	Mfr's Type	Fig.	Action	Size	Amps	EACH	
						1-9	10-19
56 C 5328	QPD-5031	T	SPDT	1 5/64x23/32″ dia.	10	3.25	2.93
56 C 5028	3DO5-5P	W	SPST	1 37/64x15/16″ dia.	12	1.75	1.58
56 C 5029	3DC5-5P	W	SPST	1 37/64x15/16″ dia.	12	1.75	1.58

EAGLE KNIFE SWITCHES

Rugged, low-cost knife switches for heavy-duty applications in power circuits. For motors, transmitters, mixing machines, or stage lighting. Provide smooth, easy action. All units rated 25 amps, 125 VAC. Have screw terminals and bakelite base except Type 617, porcelain. Av. wt., 2 oz.

Stock No.	Mfr's Type	Action	Size	EACH	
				1-9	10-99
56 C 4884	612	SPST	1⅝x1″	.28	.26
56 C 4886	613	SPDT	2⅝x1″	.32	.30
56 C 4887	614	DPST	1¾x1½″	.44	.41
56 C 4888	615	DPDT	2⅝x1⅝″	.48	.45
56 C 4889	617	SPST	3 1/16x1⅛″	.42	.39

EAGLE FLUSH-MOUNT PUSHBUTTON SWITCH

Type 188. Momentary contact. 6-leaf spider secures switch in ⅝″ hole. Ideal for signaling bells, lights, etc. 9/16″ shank depth. 25/32″ overall. Screw terminals. Contacts are SPST, normally open. Pearl button. Shpg. wt., 2 oz.

56 C 4890. 1-9....... .46 10-99.................. .42

Centralab and Mallory Switches

CENTRALAB ROTARY AND LEVER SWITCHES

MINIATURE PHENOLIC SWITCHES

PA-1000 Series. Rated 2.75 amps @ 15 VDC, 230 mA @ 115 VAC. 30° indexing adjustable stop. 1½x1⁷⁄₁₆" diameters; ½" spacing between sections. Shaft, 2¼" FMSx¼"; bushing ⅜x⅜". With 1¼" pointer knob and mtg. hdwe. 3 oz.

Shorting		Non-Shorting		Sec-tions	Total Poles	Pole Pos.	EACH
Stock No.	Type	Stock No.	Type				
56 C 5050	1000	56 C 5065	1001	1	1	2-11	1.98
56 C 5051	1002	56 C 5066	1003	1	2	2-5	1.98
56 C 5052	1004	56 C 5067	1005	2	2	2-11	2.82
56 C 5053	1006	56 C 5068	1007	1	3	2-3	1.98
56 C 5054	1008	56 C 5069	1009	3	3	2-11	3.57
56 C 5055	1010	56 C 5070	1011	1	4	2	1.98
56 C 5056	1012	56 C 5071	1013	2	4	2-5	2.82
56 C 5057	1014	56 C 5072	1015	4	4	2-11	4.17
56 C 5059	1018	56 C 5074	1019	2	6	2-3	2.82
56 C 5060	1020	56 C 5075	1021	3	6	2-5	3.57
56 C 4975	1024	56 C 5077	1025	2	8	2	2.82
56 C 5063	1026	56 C 5078	1027	4	8	2-5	4.17

LEVER-ACTION PHENOLIC SWITCHES

Budget-priced phenolic-insulated switches featuring nylon rotor design. Rated 2.75 amps at 15 VDC, 230 mA at 115 VAC. Silver-plated clips and contacts. 1⅞x⁷⁄₁₆" (1¼" behind panel). Mtg. bracket has two 6-32 tapped holes. With knob, hardware. 4 oz.

Shorting		Non-Shorting		Poles	Posi-tions	Action	EACH
Stock No.	Type	Stock No.	Type				
56 C 4021	1452	56 C 4026	1454	2	3	Positive	1.47
56 C 4022	1453	56 C 4027	1455	2	3	Moment.	1.47
56 C 4023	1466	56 C 4028	1467	2	3	Pos./Mom.	1.47
56 C 4025	1456	56 C 4030	1457	4	2	Moment.	1.62
56 C 4024	1459	56 C 4029	1458	4	2	Positive	1.62

60° AND 90° INDEXING HAM SWITCHES

Bolted construction; single hole mounting. ⅜"—32NEF-2A threaded bushing, ⅜" long. ¼" dia. shaft, full round, 2¼" long from mtg. surface. Bushing and shaft cadmium-plated. ⅝" spacing between front plate and first section; ½" between sections. Res. load: 350 mA @ 115 VAC; 175 mA @ 230 VAC; 5 mA @ 1500 VAC; 2.25 amp @ 28 VDC. *2 to 6 active positions. †2 to 4 active positions. With knob, hardware. Av. shpg. wt., 6 oz.

60° Indexing*		90° Indexing†		Sec-tions	Total Poles	EACH
Stock No.	Type	Stock No.	Type			
56 C 5105	2550	56 C 5110	2542	1	1	2.37
56 C 5106	2551	56 C 5111	2543	2	2	3.36
56 C 5107	2552	56 C 5112	2544	3	3	4.32
56 C 5108	2553	56 C 5113	2545	4	4	5.34
56 C 5109	2554	56 C 5114	2546	5	5	6.30

MINIATURE STEATITE SWITCHES

PA-2000 Series. Ceramic rotary switch Rated 2.75 amps @ 15 VDC, 230 mA @ VAC. 1½x1⁷⁄₁₆" dia.; ½" spacing between s tions. 30° indexing. Shaft 2¼" FMS long, dia.; bushing ⅜"-32 thread, ⅜" long. §2 has 1 off and 9 progressive shorting pos. Adjustable stop. With 1 pointer knob, hdwe. *Switch sections. †Total Poles. Av. wt., 3

Shorting		Non-Shorting		*	†	Pole Pos.	EACH	
Stock No.	Type	Stock No.	Type				1-4	5-
56 C 5095	§2042	....	......	1	1	2-10	2.37	1.
56 C 4900	2000	56 C 4921	2001	1	1	2-0	2.61	2.
56 C 4901	2002	56 C 4922	2003	1	2	2-6	2.61	2.
56 C 4902	2004	56 C 4923	2005	2	2	2-12	3.72	3.
56 C 4903	2006	56 C 4924	2007	1	3	2-5	2.61	2.
56 C 4904	2008	56 C 4925	2009	3	3	2-12	4.74	3.
56 C 4905	2010	56 C 4926	2011	2	4	2-6	3.72	3.
56 C 4906	2012	56 C 4927	2013	4	4	2-12	5.70	4.
56 C 4907	2014	56 C 4928	2015	1	5	2-3	2.61	2.
56 C 4908	2016	56 C 4929	2017	5	5	2-12	6.81	5.
56 C 4909	2018	56 C 4930	2019	1	6	2	2.61	2.
56 C 4910	2020	56 C 4931	2021	2	6	2-5	3.72	3.
56 C 4911	2022	56 C 4932	2023	3	6	2-6	4.74	3.
56 C 4914	2024	56 C 4933	2025	6	6	2-12	7.92	6.
56 C 4913	2026	56 C 4934	2027	4	8	2-6	5.70	4.
56 C 4915	2028	56 C 4935	2029	3	9	2-5	4.74	3.
56 C 4916	2030	56 C 4936	2031	2	10	2-3	3.72	3.
56 C 4939	2038	56 C 4940	2039	3	15	2-3	5.37	4.
56 C 4942	2040	56 C 4941	2041	3	18	2	5.37	4.

UNIVERSAL AND INTERCOM SWITCHES

Phenolic-insulated rotaries. Cadmium-plated. Breakdo 1000 VAC. Rated 2.75 amps at 15 VDC, 230 mA at VAC. Non-shorting; 30° indexing. Shaft, 1⅞x¼" Bushing, ⅜"-32 thread ⅜" long. *1" or †¾" behind pa §Positive in 2 pos., spring return in 3rd. With knob. Shpg. wt., 5

Stock No.	Type	Description	1-4, EA.	5-9,
56 C 4085	1450†	4PDTD	1.65	1.3
56 C 4087	1451†	4PDT, spring-return	2.40	2.0
56 C 4054	1488*	6P, 3 pos., spring-return	3.60	3.0
56 C 4055	1489*§	6P, 3 pos.	3.60	3.0

Intercom and Radio Switches. Phenolic, cadmium-plated switch Same ratings and shafts as above §except 2⅜" for radio-phonos, input selectors, meter/speaker switching, etc. Silver-plated spring b clips. Both †shorting and *non-shorting types. 1472 is for AM-F phono selector. Av. shpg. wt., 2 oz.

56 C 4080	1460†	SPST phono-radio switch	1.08	.9
56 C 4081	1461†	SP-3-position selector	1.08	.9
56 C 4082	1462†	DPDT bandswitch	1.08	.9
56 C 4083	1463*	SPDT spring return	1.08	.9
56 C 4084	1464*	DPDT spring return	1.08	.9
56 C 5235	1472*	DP 3-position	1.08	.9
56 C 4073	1465†§	SP-4, AC line switch	1.80	1.5

MALLORY GANG SWITCHES AND DIAL PLATES

SINGLE-GANG SWITCHES

Compact, enclosed, low-voltage rotary switches. For bandswitching in receivers, transmitters, etc. Have 2" notched shaft; ⅜" threaded bushing, ⅜" long. Two base diameters, 1¼" and 1¹¹⁄₁₆". 1¼" size has 30° indexing, 1¹¹⁄₁₆" size, 20°. 1¹¹⁄₁₆" types have adjustable stops. Breakdown rating: 500 VDC or VAC. Max. breaking current into res. load: 125 mA @ 300 VDC, 3A @ 6 VDC; 200 mA @ 300 VAC, 5A @ 6 VAC. For use with dial plates listed in right hand column. *Total Poles. Av. shpg. wt., 4 oz.

SERIES 3100J SHORTING TYPE

Stock No.	Mfr's Type	*	Posi-tions	Base Dia.	EACH	
					1-4	5-9
56 C 4300	3115J	1	5	1¼"	1.02	.85
56 C 4301	31112J	1	12	1¼"	1.02	.85
56 C 4302	3122J	2	2	1¼"	1.02	.85
56 C 4303	3123J	2	3	1¼"	1.02	.85
56 C 4304	3126J	2	6	1¼"	1.02	.85
56 C 4305	3134J	3	4	1¼"	1.05	.88
56 C 4306	3142J	4	2	1¼"	1.05	.88
56 C 4307	3143J	4	3	1¼"	1.05	.88
56 C 4308	31117J	1	2-17	1¹¹⁄₁₆"	1.56	1.30
56 C 4309	3129J	2	2-9	1¹¹⁄₁₆"	1.56	1.30
56 C 4310	3136J	3	2-6	1¹¹⁄₁₆"	1.65	1.38
56 C 4311	3163J	6	2-3	1¹¹⁄₁₆"	1.65	1.38

SERIES 3200J NON-SHORTING

56 C 4350	3215J	1	5	1¼"	1.02	.85
56 C 4351	32112J	1	12	1¼"	1.02	.85
56 C 4352	3222J	2	2	1¼"	1.02	.85
56 C 4353	3223J	2	3	1¼"	1.02	.85
56 C 4354	3226J	2	6	1¼"	1.02	.85
56 C 4355	3234J	3	4	1¼"	1.05	.88
56 C 4356	3242J	4	2	1¼"	1.05	.88
56 C 4357	3243J	4	3	1¼"	1.05	.88
56 C 4358	32117J	1	2-17	1¹¹⁄₁₆"	1.56	1.30
56 C 4359	3229J	2	2-9	1¹¹⁄₁₆"	1.56	1.30
56 C 4360	3236J	3	2-6	1¹¹⁄₁₆"	1.65	1.38
56 C 4361	3263J	6	2-3	1¹¹⁄₁₆"	1.65	1.38

MULTI-GANG SWITCHES

Versatile switches recommended for test equipment, meter switching and all types of low current applications. Heavily silver-coated contacting members have self-cleaning, contact-wiping action. 1 fixed and 1 adjustable stop, solid silver rotor contact slugs and phosphor-bronze springs. 3- and 4-gang types spaced 1"; all others, ½". 2" notched shaft. Shorting types make before break. Require ⁷⁄₁₆" mtg. hole. With bar knob and hardware, less mtg. plate (use **56 C 4600 C** plates at right). *Additional "off" positions with all circuits open. †Total Gangs. Av. shpg. wt., 8 oz.

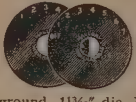
SERIES 1200L SHORTING TYPE

Stock No.	Mfr's Type	†	Total Poles	Pos./ Pole	EACH	
					1-4	5-9
56 C 4201	1211L	1	1	2-11	2.10	1.75
56 C 4206	1221L	2	2	2-11	2.58	2.15
56 C 4207	1225L*	2	4	2-5	2.58	2.15
56 C 4211	1231L	3	3	2-11	3.24	2.70
56 C 4214	1241L	4	4	2-11	3.81	3.18
56 C 4215	1245L*	4	8	2-5	3.81	3.18

SERIES 1300L NON-SHORTING TYPE

56 C 4251	1311L	1	1	2-11	2.10	1.75
56 C 4252	1315L*	1	2	2-5	2.10	1.75
56 C 4253	1313L*	1	3	2-3	2.10	1.75
56 C 4256	1321L	2	2	2-11	2.58	2.15
56 C 4257	1325L*	2	4	2-5	2.58	2.15
56 C 4258	1323L*	2	6	2-3	2.58	2.15
56 C 4261	1331L	3	3	2-11	3.24	2.70
56 C 4264	1341L	4	4	2-11	3.81	3.18
56 C 4265	1345L*	4	8	2-5	3.81	3.18
56 C 4266	1351L	5	5	2-11	4.11	3.43
56 C 4267	1356L	5	10	2-6	4.53	3.78
56 C 4268	1361L	6	6	2-11	4.83	4.03

DIAL PLATES

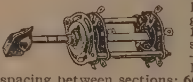


Wide selection of plates for switches, tentiometers and rh stats. Designed for with Series 1200L, 130 and for 3100J and 32 with 1¼" bases. Etc aluminum. Black ba ground. 1¹³⁄₁₆" dia. ⁷⁄₁₆" hole. Shpg. wt., 1

Type	Marking	Type	Marking
372	1 to 2	382	1 to 2
373	1 to 3	383	Off 1 to 3
374	1 to 4	384	Off 1 to 4
375	1 to 5	385	Off 1 to 5
376	1 to 6	386	Off 1 to 6
377	1 to 7	387	Off 1 to 7
378	1 to 8	388	Off 1 to 8
379	1 to 9	389	Off 1 to 9
380	1 to 10	390	Off 1 to 1
381	1 to 11	....	..

56 C 4600 C, Specify Type. . . . . . Each

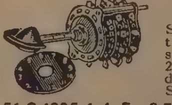
151L "HAMSWITCH"



For switching a gle meter betw 1 to 5 circuits sections, 5 positi —1 pole per secti Non-shorting; 2 spacing between sections; 60° indexing. Ra 1000 VAC, 1500 VDC. 3½" mtg depth. ⅜x bushing, 2x¼" shaft. With knob, nut, lo washer. Shpg. wt., 6 oz

56 C 4318. 1-4. . Ea. 2.70 5-9. . . . Ea. 2.

13124L 24-POIN TAP SWITCH



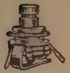
Single circuit, 24 p tion non-shorti switch. ⅜" bushi 2" grooved shaft. Kn dial plate, hardwa Shpg. wt., 6 oz.

56 C 4295. 1-4. Ea. 2.76 5-9. . . . . . Ea. 2

Switches by Switchcraft

SWITCHCRAFT LEVER AND PUSH SWITCHES

"LITTEL" SWITCHES



iniature, non-locking pushbut-
on type switches for limited
ace applications. One-piece but-
n and shaft. Red or black button.
N.O. means normally open; N.C.
eans normally closed. Nickel silver contacts;
ring sections are insulated. 3/8" threaded
em; 3/8" long. For low-level currents only.
A @ 115 VAC non-ind. With hardware. 3 oz.

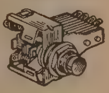
Stock No.	Mfr's Type	Button Color	§Action	EACH
6 C 4944	101	Red	SPST N.O.	.57
6 C 4945	102	Red	SPST N.C.	.57
6 C 4946	103	Red	SPDT	.66
6 C 4947	201	Black	SPST N.O.	.57
6 C 4948	202	Black	SPST N.C.	.57
6 C 4949	203	Black	SPDT	.66

LUMINATED "LITTEL-LITE" SWITCHES

imilar to above, but clear plastic pushbutton
d shaft illuminated by 6 or 28 V. lamp (not
pplied, see below right). 3 A, 300 W @ 115
AC max. non-ind. load. With 4 color chips
ed, amber, green, yellow). Shpg. wt., 4 oz.

Stock No.	Mfr's Type	Action	EACH
6 C 4607	211S	SPST N.O.	1.17
6 C 4608	212S	SPST N.C.	1.17
6 C 4609	213S	SPDT	1.35

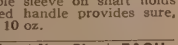
ILLUMINATED "NF-LITE" SWITCHES



eries 4100. Pushbutton
pes indicate switching and
rcuit functions. Rated 3
nps, 300 W. max., AC non-
ductive. With 4 color chips
ed, amber, green, yellow).
eed 1 1/16"-1 5/16" behind panel;
ount in 3/8" hole in panels up
1/4" thick. Less lamp, below right. Wt., 4 oz.

Stock No.	Mfr's Type	Action	EACH
6 C 4610	4101	SPST N.O.	1.17
6 C 4611	4103	SPDT	1.26
6 C 4612	4104	DPST N.O.	1.32
6 C 4613	4106	DPDT	1.47
6 C 4614	4109	3PDT	1.80

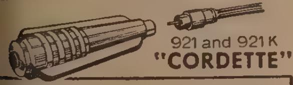
SWITCH WRENCHES



pecial wrenches
esigned to fit
nurled or milled-
dge locknuts fur-
ished with toggle, lever and button switches
d jacks. Adjustable sleeve on shaft holds
uts tightly. Knurled handle provides sure,
rm grip. Shpg. wt., 10 oz.

tock No.	Mfr's Type	Nut Size	EACH
6 C 4605	A-1070	15/32"-32	4.50
6 C 4606	A-1071	1/4"-32	4.50

"CORDETTE" CONTROL SWITCH



921 accepts standard phono plug.	921 K with 6 ft cable. Pre-stripped and tinned.

omentary-action pendant switch. Designed
provide remote switching of electrical
evices. Fits comfortably in the hand, yet
gged enough for critical applications. One-
iece body of high-strength molded plastic, en-
osed to protect switching contacts.

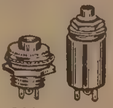
hermosetting plastic insulation. One-amp
PST circuit with integral brass, hard-gold-
lated 500-mA contacts. 50 watts max., AC
oninductive load. For low-voltage circuits.

ype 921 has Switchcraft Phono-Jax output
olded direct to the body. Industry standard
ck accepts most phono plugs; molded cable
ssemblies such as Switchcraft Part Nos.
5AC84, 25AF30, 25AC82. (See page 361 for
able assemblies).

ype 921-K has 6-ft., 2-conductor unshielded
able, stripped and tinned. 1 3/16x2 15/16".

Stock No.	Mfr's Type	Wt. Oz.	EACH
56 C 5799	921	1	2.55
56 C 5800	921-K	4	3.00

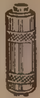
TYPE 900 MINIATURE SPDT "BUTTON" SWITCHES



Momentary-action pushbutton switches in metal housing. Each type has black plastic button. Type 913 is 1/2" long, fits 15/32" hole, and provides behind-panel mounting. Type 933 is 7/8" long, fits 1/4" hole, and mounts from front. Both rated at 250 mA, 30 watts maximum, AC non-inductive. Both are SPDT. Shpg. wt., 2 oz.

56 C 5418. Type 913.........................84
56 C 5420. Type 933.........................90

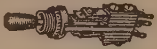
REMOTE-CONTROL SPDT PUSHBUTTON SWITCH



Hand-held switch for remote control of recorders, lights, counters, etc. Momentary contact, SPDT switch in a nickel-plated sleeve. Rated 250 mA., 30 watts max. AC non-inductive. 1 1/16x2 1/16" long. Shpg. wt., 4 oz.

Stock No.	Mfr's Type	Button Color	EACH
56 C 5422	E903	Red	1.35
56 C 5424	E913	Black	1.35

"LEV-R" SWITCHES



Series 3000. Require half the space needed for a lever switch. Silver contacts rated at 3 amps. 300 watts max. AC, non-inductive load. Non-locking types have spring return. 13/64" mtg. bushing; 5/8" wide; 2 1/4" behind panel; 15/16" mtg. hole. Type 3034 closes either of two circuits keeping the other open. Type 3035 opens one of two circuits keeping the other closed. *Same contact form for both sections on each side of switch. Shpg. wt., 3 oz.

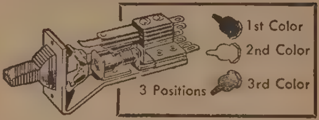
TWO-POSITION TYPES

Mfr's Type	Stock No. Locking Type	Stock No. Non-Locking Type	Action	EACH
3001	56 C 4471	56 C 4465	SPST	1.20
3003	56 C 4472	56 C 4466	SPDT	1.41
3004	56 C 4473	56 C 4467	DPST	1.56
3006	56 C 4474	56 C 4468	DPDT	1.71
3009	56 C 4484	56 C 4485	3PDT	2.19

*THREE-POSITION TYPES

Mfr's Type	Stock No. Locking Type	Stock No. Non-Locking Type	Action	EACH
3033	56 C 4475	56 C 4469	SPDT	1.56
3034	56 C 4459	56 C 4458	DPDT	1.62
3035	56 C 4477	56 C 4464	DPDT	1.62
3036	56 C 4479	56 C 4478	DPDT	1.80
3037	56 C 4476	56 C 4470	DPDT	1.83

ILLUMINATED LEVER SWITCHES



Series 25000. Illuminated color-coded switches indicate function and/or switch position. Replace switch and up to 3 indicator lamps, saving space and wiring costs. Nickel-silver springs. Silver contacts: 3 amps, 300 watts max., AC non-inductive. 1 7/32" high, 39/64" wide, 2 1/4" behind panel. With 6-volt lamp and 6 color chips (blue, red, amber, yellow, green, white). *Same contact form for both sections on each side of switch: 1-A for Type 25201, 25304; 1-C for 25306; 2-A for 25308; 2-C for 25206, 25312; 3-C for 25209. Shpg. wt., 3 oz.

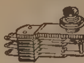
TWO-POSITION TYPES

Mfr's Type	Stock No. Locking Type	Stock No. Non-Locking Type	Action	EACH
25201	56 C 6280	56 C 6272	SPST	2.40
25206	56 C 6282	56 C 6274	DPDT	3.00
25209	56 C 6283	56 C 6275	3PDT	3.45

*THREE-POSITION TYPES (Center-Off)

Mfr's Type	Stock No. Locking Type	Stock No. Non-Locking Type	Action	EACH
25304	56 C 6284	56 C 6276	SPST	2.70
25306	56 C 6285	56 C 6277	SPDT	3.00
25308	56 C 6286	56 C 6278	DPST	3.30
25312	56 C 6287	56 C 6279	DPDT	3.60

"FF" PUSHBUTTON SWITCHES



Non-locking type with rugged flat frame. Fine silver contacts rated 3 amps, 300 W. max. AC non-inductive. Insulated springs are form-free at flex point. One-piece black button and shaft. 3/8" dia. mtg. shank is 3/8" long. With locknut and washer. Shpg. wt., 3 oz.

Stock No.	Mfr's Type	Action	EACH
56 C 4994	1001	SPST N.O.	.69
56 C 4995	1002	SPST N.C.	.69
56 C 4996	1003	SPDT	.78
56 C 4997	1004	DPST N.O.	.87
56 C 4998	1005	DPST N.C.	.87
56 C 4999	1006	DPDT	1.02
56 C 4969	1009	3PDT	1.38

LAMPS FOR ILLUMINATED SWITCHES

For use with "Littel-Lite" and "NF-Lite" illuminated pushbutton switches, and Series 25000 illuminated lever switches. Wt., 2 oz.

60 C 7359. Type 1768. 6-volt..............92
60 C 7126. Type 336. 28-volt...........1.54

SERIES 41000 LEVER SWITCH

- Requires Just 2 1/8" Behind Mounting Panel
- Offers Long-Life Reliability, Multiple Circuitry
- Smallest Telephone-Type Lever Switch Available

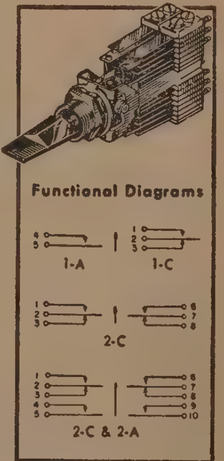
Telephone-type lever switch with welded cross-bar palladium contacts rated 3 amps, 200 watts maximum, AC non-inductive load. For ground support, data processing, control panel, test, communications, instrumentation. Features "U" shaped frame which includes "Can't Cheat" detent guide to prevent accidental actuator bypass of a switching position. Built-in phenolic damping block minimizes transient leaf spring travel. Special long nickel-silver springs have no "form" at point of flex, assure long spring life. Frame provides integral ground terminal. Mounts on 23/32" centers, in 15/32" hole. Size, (including knob), 5/8x3/4x3 3/4". Requires 2 1/8" behind mounting panel. Smart paddle-designed knob. In 2- or 3-position types, locking or non-locking. Contact assemblies refer to illustrations at right. *Indicates 3-position switch contacts are for both Pos. 1 and 2. Av. shpg. wt., 1 oz.

TWO-POSITION SWITCHES

Mfr's Type	Stock No. Locking Type	Stock No. Non-Locking Type	Contact Assembly	EACH
41203	56 C 5775	56 C 5776	1-C	2.40
41206	56 C 5777	56 C 5778	2-C	3.00
41208	56 C 5779	56 C 5780	4-A	3.30
41212	56 C 5781	56 C 5782	4-C	4.05

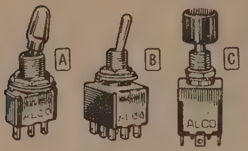
THREE-POSITION SWITCHES

Mfr's Type	Stock No. Locking Type	Stock No. Non-Locking Type	Contact Assembly	EACH
41306	56 C 5783	56 C 5784	1-C*	3.00
41308	56 C 5785	56 C 5786	2-A*	3.30
41312	56 C 5787	56 C 5788	2-C*	4.05
41324	56 C 5789	56 C 5790	4-C*	6.00



Miniature, Slide, Reed and Foot Switches

ALCOSWITCH MINIATURE SWITCHES AND ACCESSORIES



TOGGLE SWITCHES

• DPDT Only ½" Square • Solid Silver Contacts

Ideal miniature switches for high-density applications where space is at a premium. Meet high standards of quality. Solid silver contacts carry a full 5 ampere-rating at 115 volts AC. Insulation rating test, 1000 megs at 500 volts DC. All types listed have breakdown ratings of 1000 volts at 60 Hz. ¼" mounting bushings. *Momentary contact. †Special switch with 3 "On" positions. ‡"On-None-On" configuration. §"On-Off-On" positioning. 30° throw. With or without cap. From Japan. Av. shpg. wt., 1 oz.

A WITH HANDLE CAP

Stock No.	Type MST-	Action	EACH
56 C 3201	115D	SPDT‡	1.70
56 C 3202	215N	DPDT‡	2.20
56 C 3203	315D	3PDT‡	3.90
56 C 3204	415N	4PDT‡	4.90

B WITHOUT HANDLE CAP

Stock No.	Type MST-	Action	EACH
56 C 3205	105D	SPDT‡	1.65
56 C 3206	105E	SPDT§	1.95
56 C 3207	105F	SPDT*‡	1.95
56 C 3208	105G	SPDT*‡	1.95
56 C 3209	105H	SPDT*§	1.95

WITHOUT HANDLE CAP (Cont'd)

Stock No.	Type MST-	Action	EACH
56 C 3210	205N	DPDT‡	2.15
56 C 3211	205P	DPDT§	2.55
56 C 3212	205R	DPDT*‡	2.55
56 C 3213	205S	DPDT*	2.55
56 C 3214	205T	DPDT*	2.55
56 C 3217	205PA	DP3T†	2.85
56 C 3238	205TA	DP3T*†	3.15
56 C 3215	305D	3PDT‡	3.85
56 C 3235	305E	3PDT§	4.15
56 C 3236	305H	3PDT*§	4.15
56 C 3216	405N	4PDT‡	4.85
56 C 6408	405P	4PDT§	5.35

COLORED PLASTIC CAPS FOR ABOVE TOGGLE SWITCHES

Switch identification made easy with bright colored plastic caps. Available in white, red, black or blue. 25 per pkg. **Specify color.** Shpg. wt., 2 oz. per package.

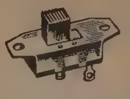
Stock No.	For MST-	Per Pkg. of 25		
		1-3	4-19	20-39
56 C 3237 C	-105 Series	.70	.63	.55
56 C 3227 C	-115 Series	.70	.63	.55

C PUSHBUTTON SWITCH AND RED OR BLACK BUTTONS

Usable normally open or normally closed, 5 amps at 115 volts AC. All types listed have solid silver contacts. Size, ½x½x¾". *Momentary contact. †Push on/off. Order buttons separately, below. Av. shpg. wt., 1 oz.

Stock No.	Type MSP-	Action	EA.
56 C 3248	105F	SPDT*	1.95
56 C 3249	205R	DPDT*	2.85
56 C 3297	205N	DPDT†	2.85
56 C 3298	C-12 Black Button	Pkg. of 25	.90
56 C 3299	C 12 Red Button	Pkg. of 25	.90

CONTINENTAL-WIRT

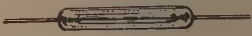


SLIDE SWITCHES

AC-DC, for transmit receivers, etc. Cadm plated steel housing. So lug terminals. Dimens ³⁵⁄₆₄x1¹³⁄₃₂". G126,1x¹³⁄₃₂" cognized under the C ponent Program of Underwriter's Lab tories, Inc. Av. 3 oz.

Stock No.	Mfr's Type	Action	Amps @ 125V	EAC
				1-9
56 C 5034	G124	SPDT	.05	.32
56 C 4424	G126	DPDT	0.5	.40
56 C 5035	G128	DP3P	.05	.54
56 C 5023	G323	SPST	3.0	.24
56 C 5025	G324	SPDT	3.0	.24
56 C 5920	G325	DPST	3.0	.25
56 C 5921	G326	DPDT	3.0	.36
56 C 5039	G328	DP3T	3.0	.36
56 C 5032	G338	DP4T	3.0	.72
56 C 5918	G361	3PDT	3.0	.48
56 C 5036	G342	4PDT	3.0	.65
56 C 5026	G623	SPST	6.0	.25
56 C 5027	G624	SPDT	6.0	.25
56 C 5033	G625	DPST	6.0	.34
56 C 5084	G626	DPDT	6.0	.36
56 C 5022	G1023	SPST	10.0	.36

G.E. DRY-REED SWITCHES



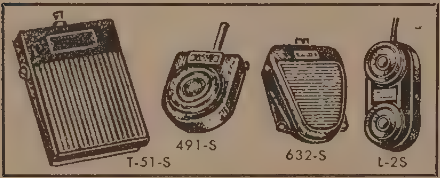
A pair of magnetic, overlapping, contact ing cantilever reeds, hermetically seale glass. N.O. Min. 20 million operations. 500 breakdown @ 60 Hz rms. Min. insulation 500,000 megs. −65° to +150°C. Reso freq., 925 Hz. Max. length, less leads, 2 with leads, 3.21"; max. dia., 0.215" except leads 0.84"; with leads, 2.03"; max. dia. 0. Shpg. wt., 2 oz.

56 C 4979. Type DR100.* 4 volt amps.

56 C 4978. Type DR101. 15 volt amps.

56 C 4977. Type DR113. 50 volt amps.

LINEMASTER FOOT SWITCHES



Model T-51-S. Compact switch for low current loads. SPDT momentary-contact switch rated 7 amps at 110-250 volts. Has skidproof rubber base. 1x2⅝x½". Shpg. wt., 7 oz.
56 C 6683..........................2.75

Model T-51-SC. Same as above, except with 6-ft. cord and 2-prong series plug. 15 oz.
56 C 6684..........................4.00

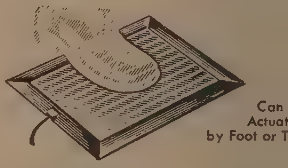
Model 491-S. Lightweight, momentary-contact switch with SPDT contacts rated 10 amps at 115 V, or 230 V, AC. Steel housing, skidproof base. 2⅞x2½x1½". Wt., 7 oz.
56 C 6685..............3.25

Model 491-SC. Above, but with 6-ft. cord and 2-prong series plug. 1¼ lbs.
56 C 6686..............5.00

Model 632-S "Clipper." Momentary-contact industrial switch. SPDT contacts rated 20 amps at 125-150 VAC. Cast iron housing has rubber anti-skid pad, black wrinkle finish. Size, 4½x3½x1½". Shpg. wt., 2¼ lbs.
56 C 6687..........................8.25

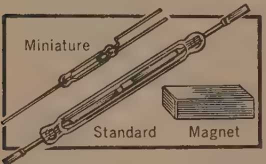
56 C 6689. Model L-2S "Lektro-Lok." 15-amp, 125 VAC contacts on each side. Teeter-totter principle. Interlock prevents operating both circuits at once. Steel. 1 lb.........5.80

RECORA FOOT SWITCHES



"Switchmat" Switch. Foot-operated sw frees hands for other work. Water-proof switch can be used indoors or out. Conce normally-open SPDT switch. Sensitive to force. For use with 110-volt non-indu loads up to 100 watts. Molded plastic cons tion. ⅜" thick. Complete with ten-foot co
56 C 6690 X. Wt., 11 lbs.............1
56 C 6691 X. Wt., 19 lbs.............2

HAMLIN MAGNETIC REED SWITCHES



Hermetically sealed for safe, dependable use in any atmosphere. Unaffected by high or low temperature extremes. Compact size, high sensitivity, rapid cycling rate—ideal for applications in position indicators, counting instruments, etc. Actuating time 1 ms. May be actuated by permanent or electro magnets. 1 oz.

MINIATURE SIZE

Stock No.	Mfr's Type	Form	Size Lgth.	Max. DC Contact Watts	Max. Amps	Actuating Magnet	EA.
56 C 6603	MRR-2-185	A	.800	10	.5	H-33	1.15
56 C 6607	MRG-DT-175	C	.610	3	.250	H-33	4.20
56 C 6608	MMRR-2-185	A	.375	1	.010	H-33	1.84

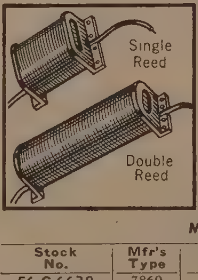
STANDARD SIZE

Stock No.	Mfr's Type	Form	Size Lgth.	Max. DC Contact Watts	Max. Amps	Actuating Magnet	EA.
56 C 6609	DRG-2-425	A	1.950	15	1.0	H-34	79
56 C 6613	DRG DTH-445	C	1.562	10	.5	H 32	2.63

MAGNETS

Stock No.	Mfr's Type	Size	EACH
56 C 6619	H-32	³⁄₁₆x³⁄₁₆x1"	.35
56 C 6620	H-33	⅛x⅛x¾"	.30
56 C 6621	H-34	¼x¼x1"	.40

JAMES REED COILS



Reed coils provide flexibility in switching. Allows freedom of estab ing electrical characteristics and mec ical layout. Accept up to 2 reed swi for combination switching and logic tems—control relays can be assem with desired switching of "A," "B," circuits. Each reed coil is provided easily inserted pins for mounting t boards. Can also be mounted direct chassis. Adaptable to volume produ techniques at big savings to the Sizes: Miniature reed coils, *1.131x .562"; †1.131x.720x.562". Standard coils: §2.318x.500x.562"; ‡2.318x .562"; Average shpg. wt., 2 oz.

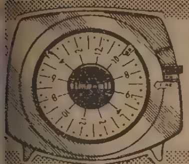
MINIATURE SIZE

Stock No.	Mfr's Type	Capsule Capa ity	DC V	Ohms	EAC
56 C 6639	7860	1*	12	1040	1.7
56 C 6640	7861	1*	24	3520	2.0
56 C 6643	7864	2†	12	575	1.8
56 C 6644	7865	2†	24	2100	2.0

STANDARD SIZE

Stock No.	Mfr's Type	Capsule Capa ity	DC V	Ohms	EAC
56 C 6651	7885	1§	12	860	1.8
56 C 6652	7886	1§	24	3400	2.0
56 C 6655	7889	2‡	12	355	1.8
56 C 6656	7890	2‡	24	1520	2.0

Intermatic Timers and Photoelectric Controls



Automatically Turns Lights On or Off
- U.L. Listed
- Handles Loads of 1875 Watts

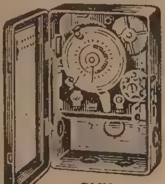
"TIME-ALL" MODEL A911-6 AUTOMATIC APPLIANCE TIMER

ou can easily set the "Time-All" to turn ;hts and appliances on and off at times u designate. The minimum "on" time is minutes; maximum "on" time is 23¾ ours. Can be set to skip operation for a y or longer. Device to be controlled plugs to AC outlet on back of timer. Has manl control with automatic reset. Timer andles 15-amp, 1875-watt load. With 6-ft. rd, plug. Champagne White Plaskon se, 5x4x2½". U.L. Listed. 110-120 V, 60 z AC. Shpg. wt., 2 lbs.
C 8311 .... 9.71

ODEL A921-6. Same as above, but designed handle 7-amp, 875-watt load. For light ity applications, as control of music sysms, house, garage, or yard lights, and ost smaller electrical appliances. Dove ray Plaskon case. Shpg. wt., 2 lbs.
C 8397 .... 8.96

"SKIPPER" TIME SWITCHES

andle up to 12 -off operations. an be set to skip e or more days.



T171

ermit "skipping" control cycle. Have two als: a time dial and a day dial. Days are ipped by inserting small skipping screws to day dial. "On" and "off" trippers are t in time dial. Special "cutout" tripper lvances the day dial every 24 hours. Up to operations per day can be obtained by lding trippers. Range: minimum "on" or off," 1 hour; maximum 23 hours. Silver ntacts rated 40 amps (4375 watts, tungen) at 125 V. 7¾x5x3". U.L. Listed. For 10-120 V, 60 Hz AC. Shpg. wt., 3 lbs.

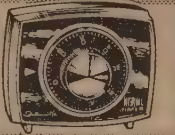
Stock No.	Type	Action	EACH
58 C 8315	T171	SPST	12.32
58 C 8316	T173	DPST	13.62
58 C 8317	T175	SPDT	13.62

TRIPPERS AND SKIPPING SCREWS

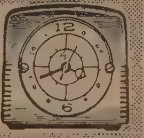
YPE 107T19GR. "On" Cutout Trippers. For Skipper" switches only. Shpg. wt., 3 oz.
8 C 8319 .... Each .50

YPE 79T8A. Skipping Screws. For "Skipper" itches only. Shpg. wt., 8 oz.
8 C 8364 .... 2 for .20

YPE 107T8A. "On and Off" Trippers. For all itches except T185. Shpg. wt., 2 oz.
8 C 8324 .... Per Set .50



PT-301



A501

PORTABLE INTERVAL TIMERS

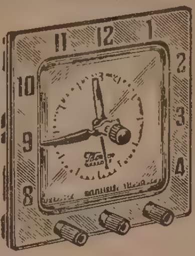
MODEL PT-301. Convenient and easy to use. Automatically shuts off lamps, sterilizers, etc. Time range: 0-60 min., 1 min. minimum. 15 amps, 1875 watts. Cycolac® case. 110-120 V, 60 Hz AC. 5x4x3". Wt., 2 lbs.
58 C 8821. 1-5. Each 7.29 6-Up. Each 6.57

MODEL PT-304. Similar to above except time range span is 0-24 hrs., minimum setting 30 minutes. 5x4x3". Wt., 2 lbs.
58 C 8822. 1-5. Each 7.29 6-Up. Each 6.57

MODEL A501 MUSIC-MINDER

Electric clock with Sleep Switch and Buzzer Alarm. Lets radio play up to 60 minutes before automatically shutting it off. Automatically turns radio on again in morning. Buzzer alarm sounds 10 minutes later to ensure arousing heavy sleepers. AC outlet on back takes 1875-watt load (15 A). Plaskon case. 6-ft. cord. 4½x4¾x2¼". U.L. Listed. 110-120 V, 60 Hz AC.
58 C 8267. Wt., 2 lbs. 8.96

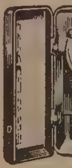
TELECHRON CLOCK-TIMER



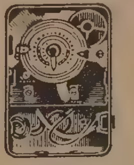
Electric Clock, Automatic Time Switch

Excellent value in a famous-name combination electric clock and automatic time switch. Use for radio, hi-fi air conditioner, coffee-maker, etc. SPST switch rated 15 amps at 125 volts AC. Select manual "on" and "off" operation, or automatic appliance control at pre-selected time within 12 hours. Automatic operation can also be used with signal alarm sounding 10 minutes after "on" cycle begins. Or, select a definitely timed "on" cycle of up to one hour duration—use with radio as "sleep switch." Gold-finish case: 3½x3½x1¹³⁄₁₆" deep. For 110-120 volts, 60 Hz AC. Shpg. wt., 2 lbs.
58 C 8438 .... 5.74

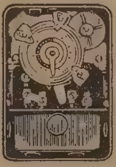
TIME SWITCHES



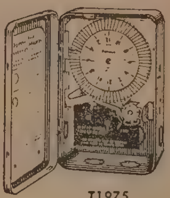
T101



P101



T185



T1975

TYPE T101 TIME SWITCH

SPST time switch turns equipment on and off once in 24 hours. Can be activated up to 12 times a day with extra trippers (use Type 107T8A listed at the lower left of page). Minimum time between settings is one hour. Long-lasting Alloy-T contacts resist pitting and welding. Motor is visible for inspection. Contacts handle 40 amps (4375 watts, tungsten rated) at 125 volts. Size, 5x3x7⅞". U.L. Listed. For 110-120 V, 60 Hz AC. Shpg. wt., 3 lbs.
58 C 8322 .... 9.07

TYPE T103. As above, but DPST.
58 C 8321 .... 10.37

TYPE P101 TIME SWITCH

Portable, SPST plug-in time switch has numerous applications. Easily set for from 1 (as is) to 12 on-and-off operations per day (when used with extra 107T8A trippers, listed at left). Minimum on or off time, 1 hour; maximum, 23 hours. Can also be manually operated. 10 amps at 125 volts. Size, 5x3x7⅞". U.L. Listed. For 110-120 V, 60 Hz AC. Shpg. wt., 4 lbs.
58 C 8314 .... 10.37

TYPE T185 TIME SWITCH

Provides up to 12 on-and-off cycles daily, with extra trippers (listed below). Each cycle is independently controlled and can vary from 5 to 60 minutes. Minimum interval between cycles, 1¾ hours. Can be used as SPST normally open, SPST normally closed, or SPDT. The perfect switch for applications requiring more than one on-and-off cycle of the same or different duration within a 24-hour period. Rated 40 amps (4375 watts, tungsten rated) at 125 V. Supplied with 3 trippers. 7¾x5x3". U.L Listed. For 110-120 V, 60 Hz AC.
58 C 8313. Shpg. wt., 4 lbs. 12.97

EXTRA TRIPPERS. For above. Shpg. wt., 4 oz.
58 C 8336 .... Each 1.27

TYPE T1975 PROGRAM TIMER

96 trippers for 48 on-and-off operations every 24 hours. Minimum interval, 15 minutes. Has "skipper" feature for omitting operation on selected days. SPDT switch, rated 20 amps at 125 V. Industrial-type motor. U.L. Listed. 7¾x5x3". For 110-120 V, 60 Hz AC. Shpg. wt., 3¾ lbs.
58 C 8378. *$5 Monthly* 23.37

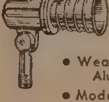
INDOOR-OUTDOOR PHOTOELECTRIC LIGHT-CONTROL DEVICES

urn lights on at dusk, off at dawn automatically. Modern printed circuits, housed aluminum. Self-cleaning lens and moisture-proof photocell. Handle tungsten, ercury vapor, or fluorescent lights.

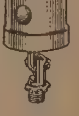
A MODEL K1611. Complete photocell and Par lamp holder in one unit. External witch leg provides instantaneous control other light clusters. 1000 watts. For 125 , 60 Hz AC. Shpg. wt., 1 lb.
8 C 8337 .... 11.02

B SERIES K1100. Adjustable stem permits mounting angle to 80°. Light selective louvers handle tungsten mercury vapor or fluorescent lights. (2 FC on; 5 FC off). 1500 watts. Shpg. wt., ½ lb.
58 C 8341. K1121. 105-130 V 13.62
58 C 8797. K1122. 208-240 V 13.62

SERIES K1111. As above, but 650 watts.
58 C 8345. K1111. 105-130 V 12.32
58 C 8798. K1112. 208-240 V 12.32



A

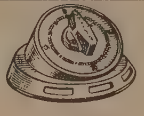


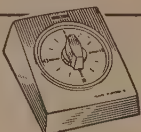
B

- Weather-Resistant Aluminum Housings
- Modern, Dependable Printed Circuits
- Operate From Artifical or Natural Light

Timers for New Convenience in Home and Shop

MARK-TIME AUTOMATIC TIMER AND TIME SWITCHES


29001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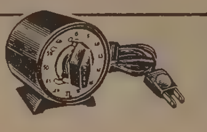
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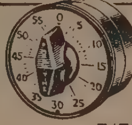
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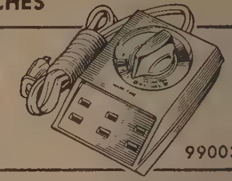

9900

Model 29001 Bell Timer. Spring-driven timer accurately times intervals up to 60 minutes. Bell rings at end of timing interval. White molded-plastic finish. Size, 2½x4⅜" dia. Wt., 10 oz.
58 C 8380. 1-11........Each 2.96 12-up..............Each 2.63

Model 22501 Bell Timer. Attractively styled spring-driven timer. Times intervals up to 60 minutes with loud, clear bell tones. Excellent for kitchen, office or laboratory. Stands on a table or easily mounts on a wall. Beige plastic finish. Size, 2x2x2". Wt., 10 oz.
58 C 8258. 1-11........Each 4.46 12-up..............Each 3.97

Series 78100 Time Switches. Turn-off devices after preset time. Have AC receptacle. *For timing developers, enlargers, etc.; adjustable stop for repeat settings; has "hold" feature. Rated at 10 A, 125 VAC. 3⅜x3¾x3½". For 110-120 V, 60 Hz AC. Wt., 1 lb.

Stock No.	Type	Maximum Setting	Ea., 1-11	Ea., 12-Up
58 C 8264	78174*	60 Seconds	7.13	6.33
58 C 8265	78104	30 Minutes	6.71	5.97
58 C 8263	78105	60 Minutes	6.71	5.97
58 C 8266	78126	12 Hours	6.71	5.97

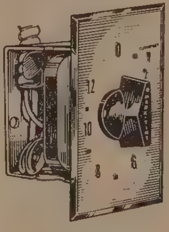
Standard-Built-In Time Switches. Easily set for "off-type" or "on-type" use. Easy to install. With hardware. Rated at 20 amps, 125-240 VAC. U.L. Listed.

Stock No.	Type	Timing Range	Dia. x Depth	Lbs.	EACH
58 C 8259	74701	0 to 15 min.	2⁹⁄₁₆x1¹⁹⁄₃₂"	1	6.38
58 C 8261	74702	0 to 30 min.		1	6.38
58 C 8268	74703	0 to 60 min.		1	6.38

MODEL 99003 "ALL IN ONE" TIME SWITCH

- Consists of Time Switch, Extension Cord, 3-Way AC Outlet
- Automatically Turns Off Devices After Up to 4 Hours
- Convenient "Hold" Feature • Rated 10 Amps, 125 VAC

Ideal for controlling TV sets, lamps, radios, etc. Insert plug i
any wall outlet; plug up to 3 devices into outlet; and set knob
desired time cycle up to 4 hrs. After predetermined time
passed, switch automatically shuts devices off. In "hold" posit
devices remain in operation. SPST switch, rated 10 amps,
VAC. Cream base; brass-finished dial plate. Has 5½-foot co
For 110-120 V, 60 Hz. AC. Shpg. wt., 1 lb.
58 C 8294. 1-11........Each 5.96 12-up..............Each 5

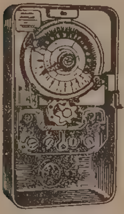


WALL-BOX TIME SWITCHES

Fit std. wallbox. Automatically turn
devices after preset time. 20 amps, 125
*"Hold" feature for continuous
C.S.A. Listed. 110-120 V, 60 Hz. AC. 9

Stock No.	Mfr's Type	Max. Setting	EACH	
			1-11	12-
58 C 8269	90004	5 Minutes	5.63	5.
58 C 8270	90005	15 Minutes	5.63	5.
58 C 8274	90006	30 Minutes	5.63	5.
58 C 8275	90021*	3 Minutes	5.63	5.
58 C 8276	90024*	60 Minutes	5.63	5.
58 C 8277	90015*	12 Hours	5.63	5.

PARAGON MULTI-PURPOSE TIME CONTROLS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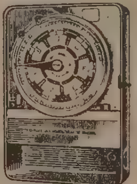
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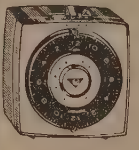
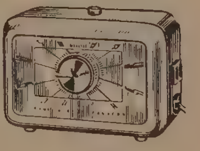

APT15-0


AT45-0

4000 SERIES 24-HOUR CONTROLS

Up to 7 on-off operations per day—1½-hour minimum between settings. Double pole type switches 9600 watts on 3-wire load. "Skip-A-Day" feature (on 4003-OS and 4005-OS) eliminates operation for preselected days. 40 amps. U.L. Listed. 7¹³⁄₁₆x4⅛x2¹⁵⁄₁₆". 110-120 volts, AC. 2½ lbs.
58 C 8000. Type 4001-O. SPST........9.07
58 C 8002. Type 4003-OS. DPST......13.62
58 C 8003. Type 4005-OS. SPDT......13.62

7000 SERIES 7-DAY CONTROLS

Deluxe version of above. 28 on-off combinations per week or 4 per day—3-hour minimum between operations. Permits up to 4 automatic "On-Off" operations at different hours each day. You can omit one or more days completely if desired. T-rated action of 40 amps for Type 7007-0, 4PST, and 40 amps non-inductive on 7008-0, 2 N.O.—2 N.C. U.L. Listed. 10⅞x7⅜x3⅝". 110-120 V, 60 Hz. AC. Shpg. wt., 6½ lbs.
58 C 8013. Type 7007-0. 4 N.O........21.09
58 C 8014. Type 7008-0. 2N.O.-2N.C..21.09

APT15-0 HOUSEHOLD TIMER

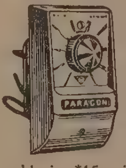
Wake to fresh, hot coffee—let music lull you to sleep. You decide on and off time—timer doesn't forget. Skip a schedule without resetting. Makes virtually all home appliances automatic. 1800-watt capacity. U.L. and C.S.A. Listed. 4⅜x4⅜x2¾". For 110-120 V, 60 Hz. AC. Wt., 2 lbs.
58 C 8055..............................9.76

AT45-0 INTERVAL TIMER

Excellent for sun lamps, vibrator pillows, heating pads, cooking appliances, and lab equipment. Buzzer signals end of timed period. Use with or without buzzer. One minute dial graduations for setting accuracy. Simple friction setting. Time range 0-60 minutes. 3⅜x5⅛x2³⁄₁₆". 1600 watt capacity. U.L. Listed. With 4-foot cord set. 110-120 V, 60 Hz. AC. 1½ lbs.
58 C 8008..........................10.64

Model AT3160-O. As above, without buzzer. 840-watt capacity. 2⅝x4⅛x2⅜". 1¼ lbs.
58 C 8009...........................7.31

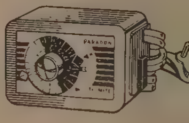
FA-FF SERIES FLUSH-MOUNT TIMER



For attic or window fans, yard lights, small air conditioners, or other applications where permanent control installation is desired. Designed to mount in a standard single outlet box, like a light switch. Handsome molded ivory wall plate has gold dial with black numerals, and a gold knob. Available in *15 min., †60 min., and ††20 hr. time ranges, ¾ hp rated. Size, 4½x2¾x1³⁄₁₆." For 110-120 volt, 60 Hz. AC. Wt., 12 oz.
58 C 8010. Type FF15-0.*.............6.47
58 C 8011. Type FF51-0.†.............6.47
58 C 8012. Type FA51-0.††...........6.47

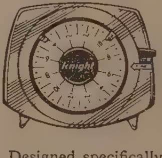
NEW at ALLIED

Makes Every
Air Conditioner
Automatic



TYPE AC AIR CONDITIONER TIME

Turns air conditioners on and off automa
cally. Time ON and time OFF are set
24-hour dial. Minimum time between
and OFF settings is 2 hours. SPST swi
contacts rated 12 amps full load at 12
and 240 V, 60 Hz AC. Four no-mar feet
desk use, 2 holes on backplate for
mounting. Beige case, 2⅝x4⅛x2⅜". W
5-ft. cord, right-angle grounding plug,
wire grounded receptacle. Wt., 1¾ lbs.
58 C 8810. Type AC1-0. 120 V........9
58 C 8811. Type AC4-20. 208-240 V..11



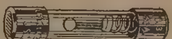
KNIGHT ALL-PURPOSE TIMER

Handles Loads Up
to 1875 Watts

Designed specifically for Allied for use
in home or shop. Controls a wide variety
of devices—makes virtually any elec-
trical appliance automatic. Handles
up to 1875 watts (15 amps). Minimum
ON time is 15 minutes; maximum ON
time is 23¼ hours. Can be set to skip a
day. Manual control with automatic
reset. Dove Gray case with Midnight
Blue dial. Size, 5x4x2½". With 6-foot
cord, plug, and instructions. 110-120 V,
60 Hz AC. U.L. Listed.
58 C 8420. Shpg. wt., 2 lbs.......8.77

Littelfuse Fuses and Accessories

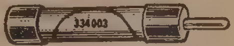
TYPE 3AG SLO-BLO FUSES



les 313000. Have high time-lag to hstand heavy surges, yet blow quickly short-circuits. Excellent where high uctive or capacitative surges or heavy rting currents are present. Blowing specifications: 110% of ing. 4 hrs. minimum; 135%, 1 hour maximum; 200%, 5 seconds imum. Employ anti-fatigue construction with spring and stor. Fuses rated up to 5 amps are U.L. Component Program-cognized. All are rated at 125 volts maximum except *32 volts ximum. Size, 1¼x¼". 2 oz. 5 FUSES PER PACKAGE.

peres	Stock No.	5 PER PACKAGE	Amperes	Stock No.	5 PER PACKAGE
/100	57 C 3073	1.53	1-2/10	57 C 3643	1.02
/32	57 C 3074	1.53	1-1/4	57 C 3090	1.02
/16	57 C 3075	1.10	1-1/2	57 C 3091	1.02
/10	57 C 3076	1.10	1-6/10	57 C 3092	1.02
/8	57 C 3077	1.10	2	57 C 3093	1.02
5/100	57 C 3078	1.10	2-1/2	57 C 3094	.81
.175	57 C 3079	1.10	2-8/10	57 C 3099	.81
3/16	57 C 3080	1.10	3	57 C 3095	.81
2/10	57 C 3081	1.10	3-2/10	57 C 3096	.81
1/4	57 C 3082	1.10	4	57 C 3097	.81
3/10	57 C 3083	1.10	5	57 C 3098	.81
3/8	57 C 3084	1.10	6-1/4*	57 C 3100	.81
/10	57 C 3641	1.10	7*	57 C 3644	.81
1/2	57 C 3085	1.10	8*	57 C 3101	.81
5/10	57 C 3086	1.10	10*	57 C 3102	.81
7/10	57 C 3642	1.10	15*	57 C 3103	.81
3/4	57 C 3087	1.10	20*	57 C 3104	.81
8/10	57 C 3088	1.10	25*	57 C 3105	.81
1	57 C 3089	1.10	30*	57 C 3106	.81

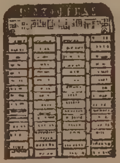
3AG INDICATING FUSES



ies 334000. Medium-acting es employ a silver plated pin ich extends from end when e is blown. Pin acts as a visual indication or may be used to uate an alarm or light. All types carry 110% of rating 4 hours nimum; 135%, 1-hour maximum. 2 oz. 5 FUSES PER PKG.

nperes	Stock No.	5 PER PACKAGE	Amperes	Stock No.	5 PER PACKAGE
¼	57 C 3200	2.25	6	57 C 3207	2.43
	57 C 3201	1.77	8	57 C 3208	2.43
-1/2	57 C 3202	1.77	10	57 C 3209	2.43
	57 C 3203	1.77	12	57 C 3210	2.43
	57 C 3204	1.77	15	57 C 3211	2.43
	57 C 3205	1.77	20	57 C 3213	2.43
	57 C 3206	1.77	....	....	....

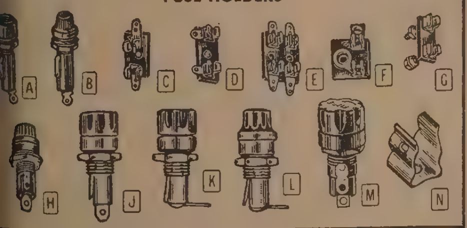
FUSEMASTER RACK ASSORTMENT



astic rack displays 300 fuses. Includes 100 es, inventory control backboard, pressure-nsitive blank inventory labels, mounting ews. Includes: TYPE 3AG—ten ¼-amp; ten -amp, five 1-amp, five 2-amp, five 5-amp. PE 3AG SLO-BLO—ten ¼-amp, five ½-p, five 1-amp, five 2-amp, five 3-amp, ten 5-p. TYPE C—ten 3/10-amp. TYPE N—five 10-amp, five 4/10-amp, five ½-amp.

C 3071. Shpg. wt., 2 lbs. 15.00

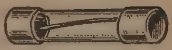
FUSE HOLDERS



MILITARY—MIL-F-19207A (*RF Shield)

Stock No.	Mfr's Type	MIL No.	Fig.	Post Description	EACH
7 C 3677	342025	FHN20G	K	3AG miniature	1.28
7 C 3676	342024	FHN26G	H	3AG miniature	1.24
7 C 3052	340255	FHN26G*	H	3AG miniature	4.50
7 C 3678	342021	FHN26W	M	3AG waterproof	4.10
7 C 3680	372003	FHN31G	B	8AG extractor	2.50

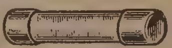
TYPE 3AG STANDARD FUSES



Quick-acting types for short time-lag applications. Ideal for radios, amplifiers, transmitters, etc. Diagonal alignment of fuse element assures accurate blowing even when element is expanded by heat. Completely unaffected by high operating temperatures. Blowing specifications: 110% of rating, 4 hours min.; 135%, 1-hour max.; 200%, 10 sec. max. U.L. Component Program-Recognized. Rated 250 V max. except *125 V and †32 V. 1¼x¼". 2 oz. 5 FUSES PER PKG.

Amperes	Stock No.	5 PER PACKAGE	Amperes	Stock No.	5 PER PACKAGE
1/100	57 C 3600	2.07	2	57 C 3119	.33
1/32	57 C 3601	1.77	2-1/2	57 C 3657	.30
1/16	57 C 3107	.81	3	57 C 3120	.30
1/8	57 C 3108	.81	4	57 C 3121	.42
15/100	57 C 3654	.81	5	57 C 3122	.42
3/16	57 C 3110	.81	6	57 C 3125	.42
2/10	57 C 3656	.81	8*	57 C 3126	.63
1/4	57 C 3111	.54	4†	57 C 3703	.30
3/10	57 C 3112	.54	5†	57 C 3704	.22
3/8	57 C 3113	.54	6†	57 C 3709	.22
1/2	57 C 3114	.54	7-1/2†	57 C 3710	.22
6/10	57 C 3115	.54	10†	57 C 3705	.22
3/4	57 C 3116	.54	15†	57 C 3706	.22
1	57 C 3117	.33	25†	57 C 3707	.25
11/2	57 C 3118	.33	30†	57 C 3708	.25

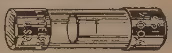
TYPE 3AB MEDIUM-LAG FUSES



Series 314000. Steatite enclosed, arc-quenching, powder-filled fuses. Smallest U.L. Component Program-Recognized units in these high ratings. Medium-time-lag. Shatter-proofed against quick shorts. For amplifiers, etc. Maximum volts 250, except *125. 1¼x¼". Wt., 2 oz. 5 PER PKG.

1/8	57 C 3711	.72	5	57 C 3719	.66
1/4	57 C 3712	.72	6	57 C 3720	.66
3/8	57 C 3713	.72	8	57 C 3721	.66
1/2	57 C 3714	.72	10	57 C 3722	.66
3/4	57 C 3715	.72	12	57 C 3723	.69
1	57 C 3716	.69	15	57 C 3724	.69
2	57 C 3717	.69	20*	57 C 3725	.69
3	57 C 3718	.69	25*	57 C 3726	.84

TYPE 8AG FAST-ACTION INSTRUMENT FUSES



Series 361000. Reliable efficiency and high speed action of these fuses make them ideal for protecting delicate equipment—ammeters, wattmeters, radio "B" circuits, small rectifier and power tubes. 250-volt maximum except *125 volts. 1x1¼". Av. shpg. wt., 2 oz. 5 PER PKG.

Amperes	Stock No.	5 PER PACKAGE	Amperes	Stock No.	5 PER PACKAGE
1/500	57 C 3214	5.43	3/8	57 C 3221	.54
1/200	57 C 3215	2.25	1/2	57 C 3222	.54
1/100	57 C 3216	2.07	1	57 C 3224	.33
1/32	57 C 3217	1.77	1½	57 C 3225	.33
1/16	57 C 3218	1.14	2	57 C 3235	.33
1/10	57 C 3658	.81	3	57 C 3236	.33
1/8	57 C 3219	.81	5*	57 C 3237	.33
1/4	57 C 3220	.54	....	.. ..	....

INDUSTRIAL—FOR 3AG AND 3AB

Fuse mounting accessories. Provide the quickest, safest, and simplest methods to mount and change fuses. Av. shpg. wt., 2 oz.

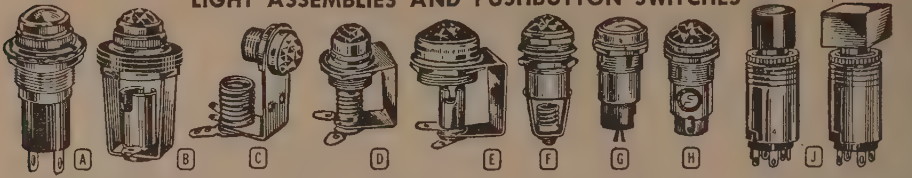
Stock No.	Mfr's Type	Fig.	Description	EACH
57 C 3000	341001	A	Screw slot	.54
57 C 3001	342001	B	Thumb knob	.54
57 C 3002	342012	H	Extractor post	.40
57 C 3003	342014	J	Miniature fuse post	.40
57 C 3004	342004	K	Miniature fuse post	.45
57 C 3005	342022	L	Miniature fuse post	.45
57 C 3006	350218	D	Single fuse mounting	.18
57 C 3007	353001	G	Panel-type mounting	.51
57 C 3008	356001	C	Screw terminals	.36
57 C 3009	357001	C	Lug terminals	.18
57 C 3010	357002	E	Double fuse mounting	.34
57 C 3238	101001	N	Phosphor bronze clips	.025

FOR 8AG

Stock No.	Mfr's Type	Fig.	Description	EACH
57 C 3013	372001	B	Thumb knob	.54
57 C 3014	383002	F	"Meter-back" mounting	.34
57 C 3015	387001	C	Lug terminals	.18
57 C 3016	387002	E	Double fuse mounting	.34

Dialco Pilot Light Assemblies, Switches, Indicato

LIGHT ASSEMBLIES AND PUSHBUTTON SWITCHES



K
Neon
Lighted

LOW-V ENCLOSED SIGNAL ASSEMBLIES

A **Series 81-9110.** Convex lens; smooth face, frosted back. ½″ white, nickel-plated brass holders. Use bayonet lamp, replaceable from front. 2¼″ long. 1⅟₁₆″ mtg. hole. Panels up to ⅜″ thick. *Translucent, unfrosted. Solder terminals. Less lamp. Shpg. wt., 2 oz.

Stock No.	Type	Color	EACH
60 C 7780	-0111-102	Red	.82
60 C 7781	-0112-102	Green	.82
60 C 7782	-0113-102	Amber	.82
60 C 7786	-0114-102	Blue	.82
60 C 7785	-0135-102*	White	.82

HALF-INCH OPEN MIN. BAYONET TYPES

B **Series 502-8140.** Have ½″ lens and 1⅟₁₆″ mounting hole. Faceted and unfrosted. Less lamp. Shpg. wt., 2 oz.

Stock No.	Type	Color	EACH
60 C 7889	-2131-100	Red	.63
60 C 7890	-2132-100	Green	.63
60 C 7891	-2133-100	Amber	.63

T-3¼ LAMPS FOR ABOVE

Single-contact miniature bayonet lamps for Series 81-9110 and 502-8140. Shpg. wt., 2 oz.

Stk. No.	V	EA.	Stk. No.	V	EA.
60 C 7366	6-8	.15	60 C 7341	28	.30
60 C 7316	3.2	.18	60 C 7361	12-16	.20

ENCLOSED NEON LIGHT ASSEMBLIES

Series 95-9108* and 95-9163†. With built-in 56K resistor for NE-51, 110-125 V circuit; or 22K for NE-51H high-brightness neon glow lamp. 110-125 V AC or DC. 2⅟₁₆″ long. 1⅟₁₆″ mtg. hole. *Solder terms. †Screw terms. ■U.L. Recog. Less lamp. 2 oz.

Stock No.	FOR	Type	Color	EA.
60 C 7838	*NE-51	-0931-142	Red	.87
60 C 7839	*NE-51	-0933-142	Amber	.87
60 C 7840	*NE-51	-0935-142	White	.87
60 C 7841	*NE-51	-0937-142	Clear	.87
60 C 7697	†NE-51H	-0931-112	Red	.87
60 C 7698	†NE-51H	-0933-112	Amber	.87
60 C 7699	†NE-51H	-0935-112	White	.87
60 C 7732	†NE-51H	-0937-112	Clear	.87

60 C 8534. NE-51B1A Lamp. 2 oz. .... .20
60 C 8535. NE-51HB2A Lamp. 2 oz. . .22

ENCLOSED NEON LIGHT ASSEMBLIES

Series 95-9110. Same as 95-9163, below left, but less resistor. For min. bayonet lamps, Solder terminals. 2 oz.

Stock No.	Type	Color	EACH
60 C 7846	-0931-102	Red	.73
60 C 7847	-0932-102	Green	.73
60 C 7848	-0933-102	Amber	.73
60 C 7850	-0935-102	White	.73

OPEN TYPES—FACETED JEWEL LENSES

C **Series 502-1015, 502-1024.** ½″ lens. Min. screw for T-3¼ bulb; bayonet (not illus.), T-3¼ bulb. 7⁄16″ clearance hole. 2 oz.

Color	502-1015 Min. Screw	502-1024 Bayonet
Red	60 C 7938	60 C 7940
Green	60 C 7941	60 C 7943
Amber	60 C 7944	60 C 7946

Any Color .... **Each .34**

D **Series 502.** ½″ lens. For T-3¼ bulb. 1⅟₁₆″ clearance hole. *Not illus. 2 oz.

Color	Min. Screw -8137	Bayonet* -8136	EACH
Red	60 C 7966	60 C 7967	.50
Green	60 C 7968	60 C 7969	.50
Amber	60 C 7970	60 C 7971	.50
Blue	....	60 C 7990	.50
White	....	60 C 7992	.50

E **Series 502.** 1″ jewel. 3241 requires T-3¼ bulb; -3214, S6 bulb. 1″ clearance hole. *Not illustrated. Shpg. wt., 2 oz.

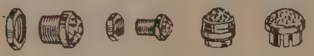
Color	-3214 Cand.*	-3241 Bay.
Red	60 C 7975	60 C 7947
Green	60 C 7976	60 C 7948
Amber	60 C 7977	60 C 7949

Any Color .... **Each .88**

Lamps for Above. *Miniature Screw. †Candelabra. ‡Bayonet. Wt., 2 oz.

Stock No.	V	EA.	Stock No.	V	EA.
60 C 7317	*6-8	.15	60 C 7383	†24	.28
60 C 7355	*12-16	.26	60 C 7366	‡6-8	.15
60 C 7329	†13 5	.46	60 C 7361	‡12-16	.20

LENS CAPS FOR ASSEMBLIES, SWITCHES AND INDICATORS



SERIES 0512 AND 1012
PANEL-MOUNTING LENS CAPS

Panel-mounting lens caps are ⅜″ long. Require 1⅟₁₆″ behind panel. Mounting holes: Series 0512, 9⁄32″-32 thread; Series 1012, 7⁄16″-27 thread. Shpg. wt., 2 oz.

Stock No.	Mfr's Type 514-	Dia.	Color	EACH 1-9	EACH 10-24
60 C 8018	1012-2131-102	½″	Red	.18	.16
60 C 8019	1012-2132-102	½″	Green	.18	.16
60 C 8020	1012-2133-102	½″	Amber	.18	.16
60 C 8023	0512-2131-102	1⅟₃₂″	Red	.17	.15
60 C 8024	0512-2132-102	1⅟₃₂″	Green	.17	.15
60 C 8025	0512-2133-102	1⅟₃₂″	Amber	.17	.15
60 C 8026	0512-2134-102	1⅟₃₂″	Blue	.17	.15
60 C 8027	0512-2135-102	1⅟₃₂″	White	.17	.15

SERIES 31 AND 81 LENS CAPS

Series 31. For 502-3228, 31-2901, and 31-3101 pilot light assemblies. Polished chrome. *Convex lens (frosted on back). †Faceted. 2 oz.

Color	Stock No.	Mfr's Type*	Stock No.	Mfr's Type†
Red	60 C 7999	-0111-300	60 C 8006	-0431-300
Green	60 C 8000	-0112-300	60 C 8007	-0432-300
Amber	60 C 8001	-0113-300	60 C 8008	-0433-300
Clear	60 C 8005	-0117-300	60 C 8012	-0437-300

Any Color .... **Each .62**

Series 81. For 81-9110, 815190 and 502-8140 pilot light assemblies. White nickel lens holders. Convex lens (frosted on back). 3 oz.

Stock No.	Mfr's Type	Color	EACH
60 C 8040	0111-100	Red	.28
60 C 8041	0112-100	Green	.28
60 C 8042	0113-100	Amber	.28
60 C 8044	0135-100	White	.28

½″ LENS CAPS FOR PUSHBUTTON SWITCHES AND INDICATOR LIGHT

ROUND
SQUARE

Round rotatable types permit alignment after installation. Keyed square types push on for permanent positioning. Have solid-color translucent face and sides. High-strength plastic lens. Shpg. wt., 2 oz.

Color	Round Rotatable Stk. No.	Round Rotatable Type	Square Keyed Stk. No.	Square Keyed Type	EA.
Red	60 C 8857	183-1471	60 C 8878	184-1871	.59
Green	60 C 8858	183-1472	60 C 8879	184-1872	.59
Amber	60 C 8859	183-1473	60 C 8880	184-1873	.59
Blue	60 C 8860	183-1474	60 C 8881	184 1874	.59
White	60 C 8861	183-1475	60 C 8882	184-1875	.59
Lt. Yel.	60 C 8862	183-1476	....	....	.59
Ivory	60 C 8863	183-1478	....	....	.59

115-V ONE-INCH MOUNT-ASSEMB

F **Series 502-3228.** Open type. Faceted je Chromed solid-brass holder. Candel screw socket. Less lamp, below. 2 oz.

Stock No.	Type	Color	Stock No.	Type
60 C 7860	-0431	Red	60 C 7862	-0433
60 C 7861	-0432	Green	....	......

Any Color .... **Each**

G **Series 32-2901.** Enclosed. Frosted b Brass; chromed cap. 6″ leads. *Transluc Less lamp, below. 3 oz.

Stock No.	Type	Color	EA
60 C 7934	0111-302	Red	1.
60 C 7935	0112-302	Green	1.
60 C 7936	0113-302	Amber	1.
60 C 7937	0117-302	Clear	1.
60 C 7866	0135-302	White*	1.

H **Series 32-3101.** Enclosed. Faceted. B phenolic; brass. Chromed. Cand. ■U.L. Recog. Less lamp, below. 2 oz.

60 C 7928	-0431-302	Red	1.
60 C 7929	-0432-302	Green	1.
60 C 7930	-0433-302	Amber	1.
60 C 7933	-0434-302	Blue	1.
60 C 7932	-0435-302	White	1.
60 C 7931	-0437-302	Clear	1.

60 C 8543. 6S6-125V Lamp. 2 oz. Pkg. 2

ILLUMINATED PUSHBUTTON SWITC

J Mount in ½″ dia. hole from rear in pa up to 3⁄16″ thick. All are momentary ac rated 3 A, 125 VAC; 3 A, 30 VDC. Silver tacts. ½″ 183 and 184 Series lens caps, bo left, and T-1¾ lamp, below, 3 oz.

Stock No.	Type	Action	EA
60 C 8850	513-0101-604	SPST N.O.	3
60 C 8851	513-0201-604	SPST N.C.	3
60 C 8852	513-0301-604	SPDT	3

INDICATOR LIGHT

Type 183-9830-14-604. Matches swit above. Front or rear mtg. in ½″ dia. hole. round or square ½″ lens caps, listed bo left; T-1¾ lamp below. 2 oz.
60 C 8856.... .... **Each**

913 NEON PUSHBUTTON SWITCH

K SPST, N.O., momentary contact. G plated contacts, 0.1 amp @ 125 VAC amp @ 30 VDC, noninductive, Rear-m ⅜″ hole clearance. Solder terms. Non-rep able lamp. For 110-125 V, *AC-DC (with res.); †AC (with 22K res.), and high bright 2 oz.

Stock No.	Type 913	Color	EA
60 C 9029	1152-1631-523*	Red	1-
60 C 9030	1152-1633-523*	Amber	2.
60 C 9031	1152 1635-523*	White	
60 C 9032	1152-1637-523*	Clear	10-
60 C 9033	1155-1631-523†	Red	2.
60 C 9034	1155-1633-523†	Amber	
60 C 9035	1155-1635-523†	White	25-
60 C 9036	1155-1637-523†	Clear	2.

G.E. T-1¾ LAMPS

For illuminated pushbutton switches and i cator light, above. *50,000-hour types. 2

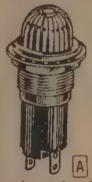
Stock No.	Type	Volts	Amps	EA
60 C 7147	338	2.7	.06	.
60 C 7376	345	6.0	.04	1.
60 C 7343	328	6.0	.20	.
60 C 7400	380*	6.3	.04	1.
60 C 7401	381*	6.3	.20	1.
60 C 7375	344*	10	.014	1.
60 C 8900	367	10	.04	1.
60 C 7374	330	14	.08	.
60 C 7402	382*	14	.08	1.
60 C 7342	327	28	.04	.

■Recognized Under Component Program of Underwriter's Laboratories,

Pilot and Indicator Lights; Lamp Sockets

DIALCO INDICATORS

NEON INDICATORS WITH BUILT-IN RESISTORS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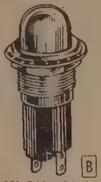

B

Series 52-0408*, 52-3†. For T-3¼ n lamp. Same Series 95-9108, with fluted vepipe lens. ets **MIL-L-1**. Solder ter-als. *Series 0408 has built-56K resistor NE-51 lamp; suffix -241. ries 52-0463 built-in 22K resistor for NE-51H high-htness lamp; add suffix -211. Av. shpg. 2 oz.

ns lor	NE-51* Stock No.	NE-51H† Stock No.	Mfr's Type *†	EACH
l	60 C 7806	60 C 7810	-0991-	1.26
ber	60 C 7807	60 C 7811	-0993-	1.26
ite	60 C 7808	60 C 7812	-0995-	1.26
ar	60 C 7809	60 C 7813	-0997-	1.26

ies 52-1308*, 52-1363†. As above, but with ew terminals.

l	60 C 7814	60 C 7818	-0991-	1.34
ber	60 C 7815	60 C 7819	-0993-	1.34
ite	60 C 7816	60 C 7820	-0995-	1.34
ar	60 C 7817	60 C 7821	-0997-	1.34

Series 95-0408*, 95-0463†. For T-3¼ neon lamp. Meet MIL specs. Smooth stove-e lens. 110-125V, AC-DC. Black nickel fin-2¹⁄₁₆" long. ■U.L. Recog., C.S.A. Listed. der terminals. *Prefix 95-0408 for NE-51; Suffix -241. †Prefix 95-0463 for NE-51H; Suffix -211. Av. shpg. wt., 2 oz.

l	60 C 7822	60 C 7826	-0931-	1.26
ber	60 C 7823	60 C 7827	-0933-	1.26
ite	60 C 7824	60 C 7828	-0935-	1.26
ar	60 C 7825	60 C 7829	-0937-	1.26

Series 95-9108*, 95-9163†. Same as Series 95-0408 above, but with plastic head and enolic body. ■U.L. Recognized. Solder ter-nals. *Use Prefix 95-9108 for NE-51 lamp; Suffix -142. †Prefix 95-9163 for NE-51H p; add Suffix -112. For 110-125 V. AC-DC. shpg. wt., 2 oz.

l	60 C 7838	60 C 7697	-0931-	.87
ber	60 C 7839	60 C 7698	-0933-	.87
ite	60 C 7840	60 C 7699	-0935-	.87
ar	60 C 7841	60 C 7732	-0937-	.87

LEECRAFT LAMPHOLDER ASSEMBLIES

Sturdy lampholder assemblies for every requirement. Each assembly consists of a socket and bracket. Tables below indicate which sockets and brackets combine to make up each lampholder. Av. shpg. wt., 5 oz.

Series 2-00. Miniature bayonet sockets with insulating sleeves. .025 to .032" steel brackets; cadmium-plated. Built-in #22 wire leads.

Stock No.	Type	Socket	Bracket	EACH
60 C 8054	2-01	C	T	.41
60 C 8055	2-04	D	D	.41
60 C 8056	2-06	C	C	.41
60 C 8057	2-13	C	N	.41
60 C 8058	2-15	C	F	.41

Series 4-00. Candelabra screw sockets in molded bakelite. #18 black and white wire, 6" long with ends stripped ½". For both incandescent and neon glow lamps.

60 C 8066	4-01	F	T	.45
60 C 8068	4-05	F	R	.45
60 C 8069	4-06	F	C	.45
60 C 8070	4-08	F	R	.45

Series 5-00. Miniature screw sockets. Tinned solder terminals. For low-voltage incandescent lamps. Cadmium-plated steel brackets.

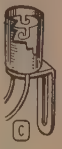
60 C 8072	5-01	G	T	.29
60 C 8073	5-04	G	D	.29
60 C 8074	5-05	G	J	.29
60 C 8075	5-06	G	H	.29
60 C 8076	5-07	G	NONE	.29
60 C 8077	5-08	G	R	.29
60 C 8078	5-13	G	N	.29

Series 6-00. Candelabra sockets. Tinned solder terminals. .025 to .032" steel brackets; cadmium-plated for corrosion resistance. For G6, S6 incandescent lamps.

60 C 8080	6-01	H	T	.34
60 C 8081	6-04	H	D	.34
60 C 8082	6-05	H	J	.34
60 C 8083	6-06	H	H	.34
60 C 8084	6-07	H	NONE	.34
60 C 8085	6-08	H	R	.34
60 C 8086	6-11	H	M	.34
60 C 8087	6-13	H	N	.34

Series 7-00. Miniature bayonet sockets with solder terminals for low-voltage incandescent lamps as T-3½, G 3½, and G-4½. *Designed for printed circuits.

60 C 8089	7 01	M	T	.35
60 C 8090	7-04	M	D	.35
60 C 8091	7-05	J	J	.35
60 C 8092	7 06	M	C	.35
60 C 8093	7-07	M	NONE	.35
60 C 8094	7-08	M	R	.35
60 C 8095	7-11	M	M	.35
60 C 8096	7 13	N	N	.35
60 C 8097	7-15	M	F	.35
60 C 8098	7-20	K	K	.35
60 C 8099	*7-35	L	L	.56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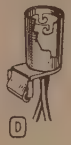
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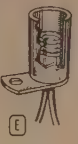
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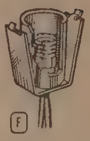
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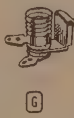
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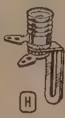
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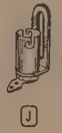
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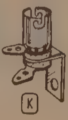
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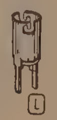
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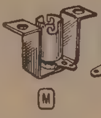
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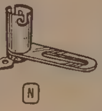
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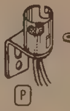
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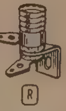
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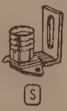
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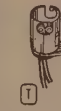
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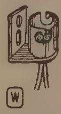
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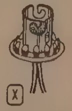
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Series 11-200. Single-contact candelabra bayonet socket with one wire lead. Comes with #18 wire and .035 to .042" thick steel brackets; cadmium-plated for high corrosion resistance.

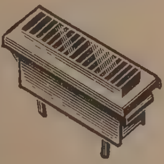
Stock No.	Type	Socket	Bracket	EACH
60 C 8100	11-271	P	W	.41
60 C 8101	11-272	P	P	.41

Series 12-200. Double-contact candelabra bayonet sockets. Contacts are mounted in a bakelite disk and separated by small coils. Disk is spring loaded to assure positive contact. Can be used with incandescent and neon glow lamps as NE-48, S6, and 10C7. *Plug in bracket. ■U.L. Recog., C.S.A. Listed.

60 C 8102	12-201	T	T	.50
60 C 8104	12 212	T	E	.50
60 C 8105	*12-240	X	X	.50
60 C 8106	12-271	W	W	.50
60 C 8107	12-272	P	P	.50

LEECRAFT NEON PILOT LIGHTS AND INDICATORS

NEON DICATOR LIGHTS

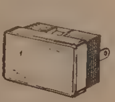


ctangular neon in-ator lights—excel-t for new equip-nt design or for dernizing existing uipment. White on housing with omed bezel. Have insulated leads. quire 1.281x.395" g. hole. Series resistor supplied. Rated ⅓ tt at 125-250 volts. Size, 1⅜x¹⁵⁄₃₂x²¹⁄₃₂". pg. wt., 5 oz.

SERIES 31—110-125 VOLTS

ock No.	Type	Color	EACH
C 8508	31-2111	Red	.84
C 8509	31-2113	Amber	.84
C 8511	31-2115	White	.84

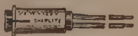
SNAP-IN NEON NDICATOR LIGHTS



les 47. One-piece, high-t plastic units snap eas- and securely into 1³⁄₁₆x panel opening with no ditional hardware re-red. Suitable for up to ⅛" thick panels. ve long-life, high-brightness neon lamps with lt-in current-limiting resistors. Tinned sol-lug terminals. Type 47-3 rated ⅓-watt, -125 volts; Type 47H-3 rated ⅓-watt, 210- volts. ■U.L. Recog. Shpg. wt., 5 oz.

C 6623. Type 47-3. Red...... **Each 1.00**
C 6624. Type 47-H-3. Red.... **Each 1.00**

SNAPLITE NEON PILOT LIGHTS



Snap into ½"-diameter holes in panels of any thickness without additional hardware. White nylon housing contains long-life neon lamp and built-in resistor for proper circuit voltage. ⅓ watt. Series 32 is for 110-125 volts; Series 35 is for 210-250 volts. Plastic lens caps for 110-200°C. Series 32 has up to 15,000-hour life; Series 35, up to 25,000 hours. ■U.L. Recog. 5 oz.

CYLINDRICAL-CAP TYPES

Stock No.	Mfr's Type	Color	EACH
60 C 7921	32-2111	Red	.78
60 C 7922	32-2113	Amber	.78
60 C 7923	32-2117	Clear	.78
60 C 8124	32-2115	White	.78
60 C 7925	35-2111	Red	.78
60 C 7926	35-2113	Amber	.78

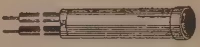
DOME-CAP TYPES

60 C 7758	32-2211T	Red	.78
60 C 7783	32-2213T	Amber	.78
60 C 7882	32-2215T	Clear	.78
60 C 7911	32-2217T	White	.78

FLUSH-CAP TYPES

Stock No.	Mfr's Type	Color	EACH
60 C 7982	32-2311	Red	.78
60 C 7983	32-2313	Amber	.78
60 C 7984	32-2315	White	.78
60 C 7985	32-2317	Clear	.78
60 C 7986	32-2311T	Red	.78
60 C 8749	32-2313T	Amber	.78

"TINEON" INDICATORS



Extremely long-life, high-brightness neon indicator lights press-fit quickly and firmly into ⁵⁄₁₆"-diameter holes. Have durable nylon housing and plastic lens. Lamp housing is 1½" long. Complete with speed nut for maximum security, lamp and built-in resistor to suit the applied circuit voltage and ensure maximum lamp life. Rated 110-125 volts. Have #18 gauge insulated wire leads, 6" long. ■U.L. Recognized. C.S.A. Listed. Shpg. wt., 5 oz.

STANDARD BEZEL TYPES

Stock No.	Mfr's Type	Color	EACH
60 C 8698	36N-2311	Red	.73
60 C 8699	36N-2313	Amber	.73
60 C 8700	36N-2315	White	.73
60 C 8701	36N-2317	Clear	.73

ALUMINUM-BEZEL HI-HAT-LENS TYPES

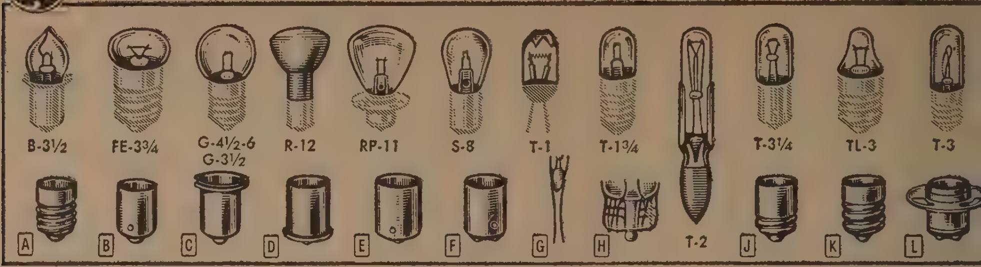
Stock No.	Mfr's Type	Color	EACH
60 C 7000	36EN2111	Red	.89
60 C 7048	36EN2113	Amber	.89
60 C 7052	36EN2115	White	.89
60 C 7053	36EN2117	Clear	.89

ALUMINUM-BEZEL FLUSH-LENS TYPES

Stock No.	Mfr's Type	Color	EACH
60 C 7066	36EN2311	Red	.89
60 C 7068	36EN2313	Amber	.89
60 C 7069	36EN2315	White	.89
60 C 7498	36EN2317	Clear	.89

ecognized Under Component Program of Underwriters' Laboratories, Inc.

General Electric Miniature, Subminiature Lamp



ABBREVIATIONS USED TO DESCRIBE BASE AND BULB STYLES

BASES: D.C. Bay., double-contact bayonet. **D.C. Pref.**, double-contact, prefocused. **Mid. Screw**, midget screw. **Min. Bay.**, miniature bayonet. **S.C. Bay.**, single-contact bayonet. **S.C., F.**, single-contact, flanged. **S.C. Mid., F.**, single-contact midget, flanged. **Tel. Slide**, telep slide. **BULBS: B**, lemon. **G**, globe. **FE**, flat end. **R**, reflector. **S**, stra end. **T**, tubular. **TL**, lens end, tubular.

GENERAL-PURPOSE MINIATURE LAMPS

Numbers in Bulb Style indicate bulb diameter in eighths of an inch. Example: S-8 is 8/8ths, or 1" in diameter. *Switchboard slide-type base. †Similar to bulb TL-3; #Similar to bulb G-4½. Wt., 2 oz.

Stock No.	Mfr's Type	Volts	A	Base Fig.	Base Style	Bulb Style	EA.	PKG. OF 10
60 C 7300	PR-2	2.4	.50	C	S.C., F	B-3½	.20	1.23
60 C 7301	PR-3	3.6	.50	C	S.C., F.	B-3½	.20	1.23
60 C 7302	PR-4	2.3	.27	C	S.C., F	B-3½	.20	1.23
60 C 7303	PR-6	2.47	.30	C	S.C., F.	B-3½	.20	1.23
60 C 7305	PR-12	5.95	.50	C	S.C., F.	B-3½	.20	1.23
60 C 7306	PR-13	4.75	.50	C	S.C., F.	B-3½	.20	1.23
60 C 7367	6	6.4	3.0	F	D.C. Bay.	S-8	.36	2.11
60 C 7307	12	6.3	.15	....	Min. 2-pin	G-3½	.25	1.51
60 C 7308	13	3.7	.30	A	Screw	G-3½	.17	1.05
60 C 7309	14	2.5	.30	A	Screw	G-3½	.17	1.05
60 C 7310	24E	24	.035	*	Tel. Slide*	T-2	.69	6.20
60 C 7369	24X	24	.035	*	Tel. Slide*	T-2	.69	6.20
60 C 7312	39	6.3	.36	E	S.C. Bay.	T-3¼	.36	2.01
60 C 7313	40	6.3	.15	A	Screw	T-3¼	.15	.86
60 C 7314	41	2.5	.50	A	Screw	T-3¼	.22	1.35
60 C 7315	43	2.5	.50	E	S.C. Bay.	T-3½	.22	1.35
60 C 7366	44	6-8	.25	E	S.C. Bay.	T-3¼	.15	.86
60 C 7316	45	3.2	.35	E	S.C. Bay.	T-3¼	.18	1.13
60 C 7317	46	6.3	.25	A	Screw	T-3½	.15	.86
60 C 7318	47	6.3	.15	E	S.C. Bay.	T-3¼	.15	.86
60 C 7319	48	2.0	.06	A	Screw	T-3¼	.22	1.35
60 C 7320	48C	48	.035	*	Tel. Slide*	T-2	.72	6.40
60 C 7321	49	2.0	.06	E	S.C. Bay.	T-3¼	.18	1.13
60 C 7322	50	6-8	1 c.p.	A	Screw	G-3½	.16	.92
60 C 7323	51	6-8	1 c.p.	E	S.C. Bay.	G-3½	.14	.84
60 C 7370	52	14.4	.10	A	Screw	G-3½	.28	1.68
60 C 7324	53	14.4	.12	E	S.C. Bay.	G-3½	.14	.84
60 C 7325	55	6-8	2 c.p.	E	S.C. Bay.	G-4¼	.14	.84
60 C 7326	57	14	2 c.p.	E	S.C. Bay.	G-4½	.14	.84
60 C 7328	67	13.5	4 c.p.	E	S.C. Bay.	G-6	.18	1.07
60 C 7329	67K	13.5	4 c.p.	K	Candelabra	G-6	.46	2.66
60 C 7330	81	6-8	6 c.p.	E	S.C. Bay.	G-6	.22	1.33
60 C 7331	82	6-8	6 c.p.	F	D.C. Bay.	G-6	.22	1.33
60 C 9707	93	12.8	1.04	E	S.C. Bay.	S-8	.32	1.90
60 C 7332	112	1.2	.22	A	Screw	TL-3	.17	1.05
60 C 6737	137	6.3	.25	E	S.C. Bay.	G-3½	.18	1.13
60 C 6738	157	5.8	1.10	A	Screw	G-6	1.06	6.32
60 C 7334	158	12	.24	H	Wedge	T-3¼	.21	1.21
60 C 7335	159	6.3	.15	H	Wedge	T-3¼	.22	1.34
60 C 7336	222	2.2	.25	A	Screw	TL-3	.17	1.05
60 C 7337	223	2.2	.25	A	Screw	FE-3¼	.20	1.23
60 C 7338	224	2.15	.22	J	Special	†TL-2¾	.20	1.23
60 C 7339	233	2.3	.27	A	Screw	G-3½	.20	1.23
60 C 6739	240	6.3	.36	E	S.C. Bay.	G-3¼	.22	1.34
60 C 7340	248	2.5	.80	A	Screw	#G-5½	.28	1.68
60 C 7373	259	6.3	.25	H	Wedge	T-3¼	.20	1.23
60 C 7341	313	28	.17	E	S.C. Bay.	T-3¼	.30	1.80
60 C 6741	324	3	.19	G	Wire	T-1¼	.62	3.66
60 C 7342	327	28	.04	D	S.C.Mid.F.	T-1¾	.70	4.15
60 C 7343	328	6	.20	D	S.C.Mid.F.	T-1¾	.54	3.25
60 C 7374	330	14	.08	D	S.C.Mid.F.	T-1¾	.78	4.61
60 C 7145	331	1.35	.06	D	S.C.Mid.F.	T-1¾	.89	5.32
60 C 7146	334	28	.04	...	Mid.Groove	T-1¾	.77	4.03
60 C 6742	337	6	.20	...	Mid.Groove	T-1¾	1.65	9.65
60 C 7375	344	10	.014	D	S.C.Mid.F.	T-1¾	1.54	8.95
60 C 7376	345	6	.04	D	S.C.Mid.F.	T-1¾	1.54	9.30
60 C 6743	346	18	.04	...	Mid.Groove	T-1¾	1.34	7.99
60 C 7377	363	14	.20	E	S.C. Bay.	G-3½	.22	1.34
60 C 8900	367X	10	.04	D	S.C.Mid.F.	T-1¾	1.65	9.65
60 C 8901	368	2.5	.20	D	S.C.Mid.F.	T-1¾	.77	4.61

GENERAL-PURPOSE MINIATURE LAMPS (Cont'd)

Stock No.	Mfr's Type	Volts	A	Base Fig.	Base Style	Bulb Style	EA.
60 C 6744	370	18	.04	D	S.C.Mid.F	T-1¾	1.34
60 C 6745	386	14	.08	...	Mid.Groove	T-1¾	1.34
60 C 7378	405	6.5	.50	A	Screw	G-4½	.29
60 C 7379	406	2.6	.30	A	Screw	G-4½	.23
60 C 7380	407	4.9	.30	A	Screw	G-4½	.21
60 C 7344	425	5	.50	A	Screw	G-4½	.20
60 C 7346	432	18.0	.25	A	Screw	G-4½	.22
60 C 7347	433	18	.25	E	S.C. Bay.	G-4½	.28
60 C 7383	509K	24	.18	K	Candelabra	G-6	.28
60 C 6600	1133	6	3.91	E	S.C. Bay.	RP-11	.41
60 C 7384	1383	12	20w	E	S.C. Bay.	R-12	2.79
60 C 7349	1445	18	.15	E	S.C. Bay.	G-3½	.20
60 C 7350	1446	12	.20	A	Screw	G-3½	.26
60 C 7351	1447	18.0	.15	A	Screw	G-3½	.20
60 C 7353	1458	20	.25	E	S.C. Bay.	G-5	.28
60 C 7385	1474	14	.17	A	Screw	T-3	.36
60 C 7354	1477	24	.17	A	Screw	T-3	.55
60 C 7355	1487	12-16	.20	A	Screw	T-3¼	.26
60 C 7356	1488	14	.15	E	S.C. Bay.	T-3¼	.28
60 C 7357	1493	6.5	2.75	F	D.C. Bay.	S-8	1.08
60 C 7386	1630	6.5	2.75	L	D.C. Pref.	S-8	1.44
60 C 7359	1768	6	.20	A	Mid.Screw	T-1¾	.92
60 C 7388	1769	2.5	.20	A	Mid.Screw	T-1¾	.89
60 C 7360	1813	14.4	.10	E	S.C. Bay.	T-3¼	.26
60 C 7361	1815	12-16	.20	E	S.C. Bay.	T-3¼	.20
60 C 7389	1816	13	.33	E	S.C. Bay.	T-3¼	.24
60 C 7362	1819	28	.04	E	S.C. Bay.	T-3¼	.35
60 C 7363	1820	28	.10	E	S.C. Bay.	T-3¼	.31
60 C 7390	1822	36	.10	E	S.C. Bay.	T-3¼	.62
60 C 7391	1828	37.5	.05	E	S.C. Bay.	T-3¼	.67
60 C 7364	1829	28	.07	E	S.C. Bay.	T-3¼	.36
60 C 7392	1835	55	.05	E	S.C. Bay.	T-3¼	.67
60 C 7365	1847	6.3	.15	E	S.C. Bay.	T-3¼	.18
60 C 7596	1869	10	.014	G	Wire	T-1¾	1.17

100,000-HOUR SUBMINIATURE LAMPS

Last about 12 years! Use where space is critical, service diffic Solder-dipped leads on wire types. ¼x⅛" dia. *±20%.

Stock No.	Mfr's Type	Volts	A ±10%	Base Fig.	Base Style	Bulb Style	EACH
60 C 7393	680	5	.060	G	Wire	TI	3.10
60 C 7394	682	5	.060	D	Sub.Mid.F	TI	3.88
60 C 7395	683	5	.060	G	Wire	TI	3.10
60 C 7396	685	5	.060	D	Sub.Mid.F	TI	3.88
60 C 7397	715	5	.115	G	Wire	TI	3.10
60 C 7399	2128	3	*.0125	G	Wire	TI	5.04

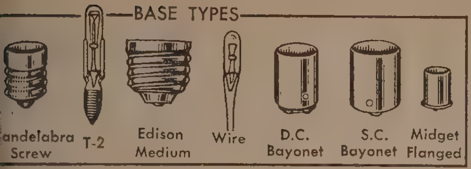
50,000-HOUR MINIATURE LAMPS

Design life is over 5 years—average life is 50,000 hours. Actual is determined by environmental conditions: vibration, shock, t perature, voltage fluctuations. Numbers in Bulb Style indi bulb diameter in eighths of an inch. Av. shpg. wt., 1 oz.

Stock No.	Mfr's Type	Volts	A	Base Fig.	Base Style	Bulb Style	EA.
60 C 7400	380	6.3	.04	D	S.C.Mid.F.	T-1¾	1.85
60 C 7401	381	6.3	.20	D	S.C.Mid.F.	T-1¾	1.17
60 C 7402	382	14	.08	D	S.C.Mid.F.	T-1¾	1.34
60 C 7403	755	6.3	.15	B	Min. Bay.	T-3¼	.28
60 C 7404	756	14	.08	B	Min. Bay.	T-3¼	.36
60 C 7405	757	28	.08	B	Min. Bay.	T-3¼	.46
60 C 7406	2180	6.3	.04	G	Wire	T-1¾	1.01
60 C 7407	2181	6.3	.20	G	Wire	T-1¾	.55
60 C 7408	2182	14	.08	G	Wire	T-1¾	.67

Lamps, Sockets, Circuit Breakers

GENERAL ELECTRIC MINIATURE INDICATOR, CONTROL, APPLIANCE LAMPS

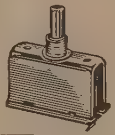


MINIATURE NEON-GLOW INDICATOR LAMPS

ithstand vibration, shock. For 150-600 V except ‡210-600 V. §DC ly. Screw types have series resistor in base for 105-125 V, others quire external resistor. In table, Sk. means skirted; D.C., double ntact; S.C., single contact; Mid. Flange, midget flanged; Bay., ayonet; Cand., candelabra; others self-explanatory. *AC starting ; DC starting V 40% more. †High brightness. Av. wt., 2 oz. ea.

Stock No.	Mfr's Type	Watts	*AC V	Bulb Style	Base	EACH
C 8516	A1B	1/25	65	T-2	Wire Term.	.13
C 8517	†A1C	1/10	95	T-2	Wire Term.	.13
C 8518	NE-2	1/17	65	T-2	Wire Term.	.10
C 8519	NE-2D	1/15	65	T-2	S.C. Mid. Flange	.78
C 8520	NE-2E	1/15	65	T-2	Wire Term.	.10
C 8521	†NE-2H	¼	. .	T-2	Wire Term.	.11
C 8522	†NE-2J	¼	105	T 2	S.C. Mid. Flange	.78
C 8523	NE 7	¼	55	T 4½	Wire Term.	.69
C 8524	NE-16	¼	§67	T-4½	D.C. Bay. Cand.	.63
C 8525	NE-17	¼	55	T-4½	D.C. Bay. Cand.	.86
C 8526	NE-21	¼	55	T-4½	S.C. Bay. Cand.	.90
C 8527	NE-30	1	65	S-11	Edison	1.14
C 8528	NE-32	1	65	G-10	D.C. Bay. Cand.	1.14
C 8529	NE-34	2	65	S-14	Edison	1.76
C 8530	NE-40	3	60	S-14	Edison	2.56
C 8531	NE 42	3	60	S-14	Sk. D.C. Bay. Cand.	2.52
C 8532	NE-45	¼	65	T-4½	Cand. Screw	.81
C 8533	NE-48	¼	65	T-4½	D.C. Bay. Cand.	.67
C 8534	NE-51	1/25	65	T-3¼	S.C. Bay. Min.	.20
C 8535	†NE-51H	1/7	.....	T-3¼	S.C. Bay. Min.	.22
C 8536	‡NE-56	1	60	S-11	Edison	1.19
C 8537	NE-57	¼	65	T-4½	Cand. Screw	.94
C 8538	‡NE-58	½	65	T-4½	Cand. Screw	.90
C 8929	NE-66	1¼	65	T-4½	Cand. Screw	1.25
C 8930	NE-84	¼	95	T-2	Special Tel. Slide	.64

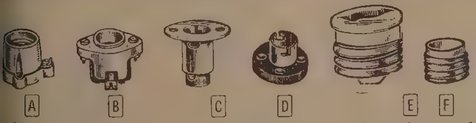
MALLORY CIRCUIT BREAKERS



tack-type circuit breakers available in ratings om 0.5 to 7.0 amperes to cover a wide variety of pplications. Precision engineered, have "anti-heat" reset action; non-cycling, constant pressure. Temperature compensated. Tripping time within 10 seconds. Bushing mount. *Heavy-uty contacts. Shpg. wt., 3 oz.

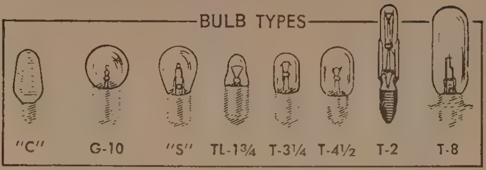
Stock No.	Type CBB-	A	Stock No.	Type CBB-	A	EACH 1-24	EACH 25-49	EACH 50-99
7 C 3574	050	0.5	57 C 3579	200	2.0	.95	.84	.73
7 C 3575	075	0.75	57 C 3580	225	2.25	.95	.84	.73
7 C 3576	100	1.0	57 C 3581	250	2.5	.95	.84	.73
7 C 3577	150	1.5	57 C 3582	275	2.75	.95	.84	.73
7 C 3578	175	1.75	57 C 3583	300	3.0	.95	.84	.73
7 C 3584	325*	3.25	57 C 3588	450*	4.5	1.02	.91	.79
7 C 3585	350*	3.5	57 C 3589	500*	5.0	1.02	.91	.79
7 C 3586	375*	3.75	57 C 3590	600*	6.0	1.02	.91	.79
7 C 3587	400*	4.0	57 C 3591	700*	7.0	1.02	.91	.79

SOCKETS, REDUCERS FOR NEON, ARGON, PILOT LAMPS



educer fits into socket to convert to more commonly used types of lb bases. *Indicates socket with built-in hard rubber insert in etal shell. Av. shpg. wt., 3 oz.

Stock No.	Fig.	Description	EACH
0 C 7661	A	Edison socket	.24
0 C 7662	A	Miniature screw socket	.15
0 C 7663	B	Candelabra screw socket	.51
0 C 7664	A	Candelabra screw socket	.16
0 C 7665	C*	D.C. bay, candelabra socket	.40
0 C 7666	D	D.C. bay, candelabra socket	.94
0 C 7667	D	S.C. bay, candelabra socket	.90
0 C 7668	E	Edison-to-Cand. reducer	.22
0 C 7669	F	Candelabra-to-Min. reducer	.18
0 C 7670	F	Intermediate-to-Cand. reducer	.10



MINIATURE NEON-GLOW CIRCUIT CONTROL LAMPS

Rugged miniature T-2 bulbs with wire-terminal bases. A mild radioactive additive reduces breakdown voltage in darkness. Tinned 1" leads permit easy soldering. Av. shpg. wt., 2 oz. ea.

Stock No.	Mfr's Type	DC Start Volts	Design DC mA	EACH
60 C 7950	NE-23	60-90	.3	.16
60 C 7951	NE-76	68-76	.4	.50
60 C 7953	NE-83	60-100	10.0	.20
60 C 7954	NE-86	55-90	1.5	.16
60 C 7955	NE-96	120-150	.5	.20
60 C 7956	NE-97	110-140	.5	.20

ARGON GLOW LAMPS

Long-life lamps emit pale blue-violet light, near-ultraviolet radiation. Clear glass. Type AR-3 has average life of 1000 hours. AR-1 average life of 3000 hours. For 110-120 V. Av. wt., 2 oz. ea.

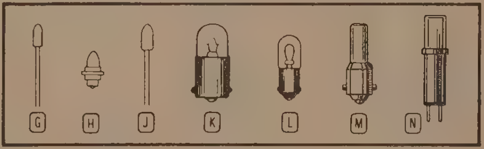
Stock No.	Mfr's Type	Watts	Bulb	Base	EACH
60 C 8541	AR-3	¼	T-4½	Candelabra Screw	.85
60 C 8542	AR-1	2	S-14	Edison Medium	1.90

SIGN AND APPLIANCE LAMPS

Rated 1500 hours, average use. Clear glass envelopes, except *white glass. †Night light. All are miniature, except ‡large. For 120 volts. Av. shpg. wt., 2 oz. each.

Stock No.	Watts	Bulb	Base	PKG. OF 2
60 C 8543	6	S-6	Candelabra	.42
60 C 8547	7	†C-7	Candelabra	.42
60 C 8548	7	*C-7	Candelabra	.49
60 C 6601	7½	‡S-11	Medium	.68
60 C 8549	10	C-7	D.C. Bayonet Cand.	.56
60 C 6602	15	T-7	D.C. Bayonet Cand.	.98
60 C 6603	25	T-8	D.C. Bayonet Cand.	.98

CHICAGO-MINIATURE LONG LIFE LAMPS



Precision-made to withstand the effects of vibration, shock, and acceleration. Excellent for new design application, replacement, or modernizing existing equipment. Abbreviations used to describe lamp base and bulb are as follows: **M. Bay.**, miniature bayonet; **M. F.**, midget flanged; **S. F.**, submidget flanged; **W. T.**, wire terminal. Volts, amps in table below. Av. shpg. wt., 6 oz.

Stock No.	Mfr's Type	Fig.	Volts	Amps	Base	Bulb Style	EACH	BOX OF 10 1-9	BOX OF 10 10-99
60 C 9406	CM-327LSV	K	28.0	.06	M.F.	T-1¾	1.40	8.50	7.84
60 C 9411	CM8-713	J	5.0	.075	W.T.	T-1	3.20	19.60	16.00
60 C 9412	CM8-714	H	5.0	.075	S.F.	T-1	4.00	24.40	19.90
60 C 9415	CM8-725	G	5.0	.115	W.T.	T-¾	1.85	12.00	10.50
60 C 9417	CM8-801	L	5.0	.06	M., Bay.	T-3¼	3.44	21.50	19.05
60 C 9418	CM8-802	L	5.0	.06	M., Bay.	T-3¼	3.44	21.50	19.05
60 C 9419	CM8-803	L	5.0	.104	M., Bay.	T-3¼	3.44	21.50	19.05
60 C 9421	CM-1866	L	6.3	.25	M., Bay.	T-3¼	.22	1.34	1.18

SMALLEST 5000-HOUR 120-VOLT LAMP

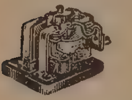
Highly reliable 120 volt lamps featuring small size and very long life (up to 5000 hours). Available with either bayonet or cartridge base (see "base" column in table below). Bulb is flat-top type for both lamps. Precision-made and developed for critical aerospace and military specification requirements. Both types are for 120 volts, .025 ampere. Av. shpg. wt., 3 oz.

Stock No.	Mfr's Type	Fig.	Base	EACH	BOX OF 10 1-9	BOX OF 10 10-99
60 C 9427	CM8-967	M	Bayonet	.95	5.94	5.27
60 C 9428	CML-00026	N	Cartridge	1.35	10.60	9.70

Potter & Brumfield Relays and Accessories

On these pages, you'll find the most popular contact arrangements, ratings, terminations, enclosures, and coil voltages listed. Contact us for prices and other product information on any types not listed—you'll receive a prompt reply.

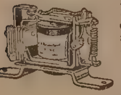
PR HEAVY-DUTY POWER RELAYS



SPST are normally open. Heavy screw terminals. All ■ U.L. Recog. and AC types also C.S.A. Listed; except PR11AL5, neither. All have 25-amp silver contacts except PR11AL5 with 20-amp contacts. *Equipped with auxiliary SPDT 5-amp contacts. Sizes: all are 2½" wide; PR3, PR5, 2$\frac{7}{32}$x2½"; PR7, 2½x2$\frac{7}{16}$"; PR11, 2½x3⅜". Dust covers, below right. Av. shpg. wt., 12 oz.

Stock No.	Type	Volts	Action	EACH
41 C 5846	PR3AY	6 AC	SPST	4.55
41 C 6751	PR3AY	12 AC	SPST	4.55
41 C 5961	PR3AY	24 AC	SPST	4.55
41 C 5600	PR3AY	120 AC	SPST	4.55
41 C 5652	PR3AY	240 AC	SPST	5.00
41 C 6509	PR3DY	12 DC	SPST	4.55
41 C 6101	PR3DY	24 DC	SPST	4.55
41 C 5968	PR3DY	110 DC	SPST	5.25
41 C 5847	PR5AY	6 AC	SPDT	4.80
41 C 5878	PR5AY	12 AC	SPDT	4.80
41 C 5962	PR5AY	24 AC	SPDT	4.80
41 C 5602	PR5AY	120 AC	SPDT	4.80
41 C 5966	PR5AY	240 AC	SPDT	5.25
41 C 6750	PR5DY	6 DC	SPDT	4.80
41 C 6510	PR5DY	12 DC	SPDT	4.80
41 C 6754	PR5DY	24 DC	SPDT	4.80
41 C 5969	PR5DY	110 DC	SPDT	5.45
41 C 5848	PR7AY	6 AC	DPST	5.40
41 C 5879	PR7AY	12 AC	DPST	5.40
41 C 5963	PR7AY	24 AC	DPST	5.40
41 C 5603	PR7AY	120 AC	DPST	5.40
41 C 5654	PR7AY	240 AC	DPST	5.90
41 C 6102	PR7DY	6 DC	DPST	5.40
41 C 6511	PR7DY	12 DC	DPST	5.40
41 C 6513	PR7DY	24 DC	DPST	5.40
41 C 5970	PR7DY	110 DC	DPST	6.10
41 C 5849	PR11AY	6 AC	DPDT	7.10
41 C 6752	PR11AY	12 AC	DPDT	7.10
41 C 5964	PR11AY	24 AC	DPDT	7.10
41 C 5663	PR11AY	120 AC	DPDT	7.10
41 C 5655	PR11AY	240 AC	DPDT	7.65
41 C 6103	PR11AL5	6 AC	*DPDT	9.00
41 C 6109	PR11AL5	12 AC	*DPDT	9.00
41 C 6753	PR11AL5	24 AC	*DPDT	9.00
41 C 6755	PR11AL5	120 AC	*DPDT	9.00
41 C 6756	PR11AL5	240 AC	*DPDT	9.45
41 C 6508	PR11DY	6 DC	DPDT	7.10
41 C 6512	PR11DY	12 DC	DPDT	7.10
41 C 6514	PR11DY	24 DC	DPDT	7.10
41 C 5971	PR11DY	110 DC	DPDT	7.75

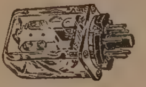
MR MEDIUM-DUTY POWER RELAYS



For general applications. Silver contacts rated 8 amps except MR3 types rated 10 amps. AC coils for 60 Hz. ST actions normally open. Size: MR3 and MR5, 1$\frac{11}{16}$x1$\frac{11}{32}$x2$\frac{31}{32}$"; MR11: 2x2$\frac{3}{16}$x2$\frac{19}{32}$"; MR14: 2x2$\frac{3}{16}$x2$\frac{31}{32}$". Av. shpg. wt., 5 oz.

Stock No.	Type	Volts	Action	EACH
41 C 5975	MR3A	6 AC	SPST	4.30
41 C 5978	MR3A	24 AC	SPST	4.30
41 C 5665	MR3A	120 AC	SPST	4.30
41 C 5983	MR3D	6 DC	SPST	3.90
41 C 5187	MR3D	12 DC	SPST	3.90
41 C 5988	MR3D	24 DC	SPST	3.90
41 C 5610	MR5A	6 AC	SPDT	3.85
41 C 6757	MR5A	12 AC	SPDT	3.85
41 C 5979	MR5A	24 AC	SPDT	3.85
41 C 5614	MR5A	120 AC	SPDT	3.85
41 C 5657	MR5A	240 AC	SPDT	4.30
41 C 5618	MR5D	6 DC	SPDT	3.55
41 C 5188	MR5D	12 DC	SPDT	3.55
41 C 5989	MR5D	24 DC	SPDT	3.55
41 C 6760	MR5D	110 DC	SPDT	4.10
41 C 5612	MR11A	6 AC	DPDT	5.40
41 C 6758	MR11A	12 AC	DPDT	5.40
41 C 5981	MR11A	24 AC	DPDT	5.40
41 C 5616	MR11A	120 AC	DPDT	5.40
41 C 5659	MR11A	240 AC	DPDT	5.85
41 C 5985	MR11D	6 DC	DPDT	5.15
41 C 5190	MR11D	12 DC	DPDT	5.15
41 C 5991	MR11D	24 DC	DPDT	5.15
41 C 6761	MR11D	110 DC	DPDT	5.65
41 C 5976	MR14A	6 AC	3PDT	6.45
41 C 6759	MR14A	12 AC	3PDT	6.45
41 C 5982	MR14A	24 AC	3PDT	6.45
41 C 5972	MR14A	120 AC	3PDT	6.45
41 C 5974	MR14A	240 AC	3PDT	6.85
41 C 5986	MR14D	6 DC	3PDT	6.10
41 C 5191	MR14D	12 DC	3PDT	6.10
41 C 5992	MR14D	24 DC	3PDT	6.10
41 C 6762	MR14D	110 DC	3PDT	6.60

KRP ENCLOSED RELAYS



Completely enclosed compact relays in hi-impact, transparent, plastic cases. Fully dustproof and weatherproof for long, trouble-free operation. Types KRP5 and KRP11 plug into standard octal sockets; Type KRP14 plugs into 11-pin socket. Gold-flashed silver contacts rated 5 amps at 120 VAC, 60 Hz resistive. 1$\frac{13}{32}$x1$\frac{13}{32}$x2". Av. shpg. wt., 5 oz.

Stock No.	Type	Volts	Action	EACH
41 C 5214	KRP5A	6 AC	SPDT	6.00
41 C 5215	KRP5A	24 AC	SPDT	6.00
41 C 5213	KRP5A	120 AC	SPDT	6.00
41 C 5217	KRP5D	6 DC	SPDT	5.95
41 C 5244	KRP5D	12 DC	SPDT	5.95
41 C 5245	KRP5D	24 DC	SPDT	5.95
41 C 5240	KRP5D	110 DC	SPDT	6.60
41 C 5920	KRP11A	6 AC	DPDT	6.65
41 C 6524	KRP11A	12 AC	DPDT	6.65
41 C 5216	KRP11A	24 AC	DPDT	6.65
41 C 5921	KRP11A	120 AC	DPDT	6.65
41 C 6597	KRP11A	240 AC	DPDT	7.10
41 C 5922	KRP11D	6 DC	DPDT	6.60
41 C 5246	KRP11D	12 DC	DPDT	6.60
41 C 5247	KRP11D	24 DC	DPDT	6.60
41 C 6352	KRP11D	110 DC	DPDT	7.30
41 C 5091	KRP14A	6 AC	3PDT	8.30
41 C 6525	KRP14A	12 AC	3PDT	8.30
41 C 5092	KRP14A	24 AC	3PDT	8.30
41 C 5093	KRP14A	120 AC	3PDT	8.30
41 C 5557	KRP14A	240 AC	3PDT	8.70
41 C 5094	KRP14D	6 DC	3PDT	8.20
41 C 5095	KRP14D	12 DC	3PDT	8.20
41 C 5096	KRP14D	24 DC	3PDT	8.20
41 C 6998	KRP14D	110 DC	3PDT	8.85

KCP ENCLOSED RELAYS

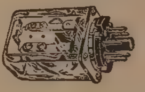
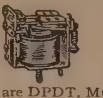


Plate circuit relays. In high-impact, weatherproof plastic cases. Fit standard octal or 11-pin socket (at right, below). 2 amp resistive, silver contacts. 1$\frac{13}{32}$" sq. by 2". Wt., 4 oz.

Stock No.	Type	Ohms	mA	Action	EACH
41 C 5287	KCP5	2500	7.2	SPDT	6.50
41 C 5288	KCP5	5000	5.0	SPDT	6.60
41 C 5289	KCP5	10,000	3.6	SPDT	7.05
41 C 5290	KCP11	2500	10.0	DPDT	6.95
41 C 5291	KCP11	5000	7.2	DPDT	7.05
41 C 5292	KCP11	10,000	5.0	DPDT	7.50
41 C 5097	KCP14	2500	12.3	3PDT	8.55
41 C 5098	KCP14	5000	8.7	3PDT	8.65
41 C 5099	KCP14	10,000	6.1	3PDT	9.10

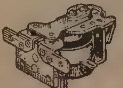
KT ANTENNA-SWITCHING RELAYS



For selecting either of two antennas or for switching single antenna from receiver to transmitter and vice-versa. Designed for RF applications: glass base insulation for minimum loss. Will switch 300-ohm line. All are DPDT. Mtg.: 6-32 stud. Silver 5-amp contacts. Size: 1¼x1⅝x1$\frac{11}{16}$". Shpg. wt., 2 oz.

Stock No.	Type	Volts	EACH
41 C 6373	KT11A	6 AC	4.10
41 C 6374	KT11A	120 AC	4.10
41 C 6375	KT11D	6 DC	4.10
41 C 6376	KT11D	12 DC	4.10

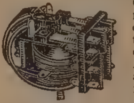
KR3 POWER RELAYS



Open double-break relay with copper alloy contact arms and silver-cadmium-oxide contacts rated at 20 amps, 120 VAC, 60 Hz resistive, or 28 VDC; 1 HP 120/240V, 60 Hz, SPST-N.O.-DB (1 Form X) action. Stud mtg. 1.6x1.67x1.52". Same coil rating as KA type, above right. *Enclosed type, similar to KRP illus. above. Av. shpg. wt., 8 oz.

Stock No.	Type	Volts	EACH
41 C 5132	KR3AH	24 AC	4.30
41 C 5133	KR3AH	120 AC	4.30
41 C 5134	KR3DH	6 DC	4.10
41 C 5135	KR3DH	12 DC	4.10
41 C 5136	KR3DH	24 DC	4.10
41 C 5137	KR3DH	110 DC	4.70
41 C 5138	KRP3AH*	24 AC	7.00
41 C 5139	KRP3AH*	120 AC	7.00
41 C 5175	KRP3DH*	12 DC	6.75
41 C 5176	KRP3DH*	24 DC	6.75

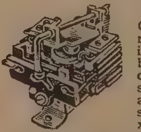
KA GENERAL-PURPOSE RELAYS



Compact, general purp relays for transmitters, pe er supply control, etc. Mo ture resistant. Heavy-d contacts rated at 5 am AC coils for 60 Hz. are ■ U.L. Recog. 6 mounting stud. 1$\frac{11}{16}$x1² 1$\frac{15}{32}$". Shpg. wt., 6 oz.

Stock No.	Type	Volts	Action	EA
41 C 5158	KA5AY	6 AC	SPDT	3
41 C 6780	KA5AY	12 AC	SPDT	3
41 C 5161	KA5AY	24 AC	SPDT	3
41 C 5164	KA5AY	120 AC	SPDT	3
41 C 5153	KA5AY	240 AC	SPDT	4
41 C 5167	KA5DY	6 DC	SPDT	3
41 C 5170	KA5DY	12 DC	SPDT	3
41 C 5173	KA5DY	24 DC	SPDT	3
41 C 6782	KA5DY	110 DC	SPDT	4
41 C 5159	KA11AY	6 AC	DPDT	4
41 C 6781	KA11AY	12 AC	DPDT	4
41 C 5162	KA11AY	24 AC	DPDT	4
41 C 5165	KA11AY	120 AC	DPDT	4
41 C 6783	KA11AY	240 AC	DPDT	4
41 C 5168	KA11DY	6 DC	DPDT	3
41 C 5171	KA11DY	12 DC	DPDT	3
41 C 5174	KA11DY	24 DC	DPDT	3
41 C 6522	KA11DY	110 DC	DPDT	4
41 C 5160	KA14AY	6 AC	3PDT	4
41 C 6779	KA14AY	12 AC	3PDT	4
41 C 5163	KA14AY	24 AC	3PDT	4
41 C 5166	KA14AY	120 AC	3PDT	4
41 C 5152	KA14AY	240 AC	3PDT	5
41 C 5169	KA14DY	6 DC	3PDT	4
41 C 5172	KA14DY	12 DC	3PDT	4
41 C 5185	KA14DY	24 DC	3PDT	4
41 C 6523	KA14DY	110 DC	3PDT	4

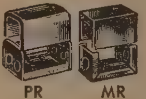
PC IMPULSE RELAY



Compact, pulse-opera relay. For on-off or rev ing applications. Pulses m be as short as 60 milli onds at 5 Hz. Gold-flas silver contacts, rated amps at 120 volts AC, sistive load. Size: 2$\frac{1}{16}$x x2$\frac{5}{64}$". Shpg. wt., 5 oz.

Stock No.	Type	Volts	Action	EA
41 C 6504	PC11A	6 AC	DPDT	6
41 C 6728	PC11A	12 AC	DPDT	6
41 C 6502	PC11A	24 AC	DPDT	6
41 C 6500	PC11A	120 AC	DPDT	6
41 C 6726	PC11D	6 DC	DPDT	6
41 C 6111	PC11D	12 DC	DPDT	6
41 C 6506	PC11D	24 DC	DPDT	6
41 C 6503	PC17A	24 AC	4PDT	8
41 C 6501	PC17A	120 AC	4PDT	8
41 C 6507	PC17D	24 DC	4PDT	8

RELAY CASES AND SOCKETS



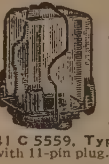
PR Relay Case. S base with aluminum er. 4—knockouts for conduit. Mtg.: 3—No holes on 1⅞x4⅛" cent Size, 3⅛x5$\frac{5}{16}$x3⅜". Sh wt., 1 lb.
41 C 6777........3

MR Relay Case. Steel base with a sli aluminum cover. 2—knockouts for ½" cond Mounts on pre-drilled holes. Wt., 1 lb.
41 C 6778..........................2

Amphenol 77MIP8 Socket. For KRP KCP relays. For all relays except KRP14 KCP14. Octal type. Requires 1$\frac{5}{32}$" hole. M centers, 1½". Wt., 1 oz.
47 C 0028..........................

Amphenol 77MIP11 Socket. For KRP14 KCP14 types. Molded bakelite. Mounts 1$\frac{5}{32}$" hole; 1½" mtg. ctrs. 11-pin. 1 oz.
47 C 0033..........................

TYPE "P" RELAY CASES



Model 35D070. Clear, ce lose acetate. For mtg. re ors, capacitors, etc. Octal-t plug. Same case as used v KRP and KCP relays. 4 n screws. Use with 9-KR hold-down spring (below) special applications. 1¹ 1$\frac{13}{32}$x 2". Shpg. wt., 1 oz.
41 C 5558..............

41 C 5559. Type D072 Same as above. with 11-pin plug. Shpg. wt., 1 oz..........

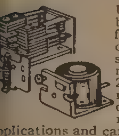
Type 9-KR-15 Hold-Down Spring. For h zontal, inverted, and vibration-secure mou ing of KCP and KRP relays. Stainless st two $\frac{5}{32}$" mtg. holes on 1$\frac{5}{16}$" ctrs. 3 oz.
41 C 5554............**Box of 50 for 5**

■Recognized Under the Component Program of Underwriter's Laboratories, I

Knight and Potter & Brumfield Relays

OTTER & BRUMFIELD RELAYS

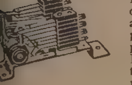
GP "PIC AND BUILD" SERIES



Units available can be combined to produce twenty different relays, each easily converted to an alternative sensitivity or switching arrangement in minutes. The 24 V DC coil is approximately 300 ohms. The 2500 ohm and 10,000 ohm coils may be used in plate circuit plications and can be adjusted to operate on mA and 6.5 mA respectively. ⅛″ diameter vitch contacts are rated at 5 amps. Has pped core to permit mounting with single 32 screw. Size, 1x1 11/16x1 25/32″. Av. wt., 4 oz.

tock No.	Mfr's Type	Description	EA.
C 6333	GPA	6 V AC Coil	1.85
C 6539	GPA	12 V AC Coil	1.85
C 6334	GPA	24 V AC Coil	1.85
C 6335	GPA	120 V AC Coil	1.85
C 6337	GPD	6 V DC Coil	1.70
C 6338	GPD	12 V DC Coil	1.95
C 6339	GPD	24 V DC Coil	2.20
C 6341	GPD	2500-ohm Coil	2.30
C 6342	GPD	10,000-ohm Coil	3.45
C 6343	GP11	DPDT Switch	1.90
C 6344	GP17	4PDT Switch	3.25

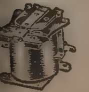
AP RATCHET IMPULSE RELAYS



Fast acting for uses requiring on-off or reversing action on alternate impulses. Operates on impulses as short as 60 ms. Intermittent duty. Contacts are 3/16″ fine silver, rated 5 amps. Coils are wound on molded bobns. Phenolic cams, hardened steel pawl and tchet with pin hinged armature. Tinned lder terminals. Mounting: Three 5/32″ diam. les on 3⅜x⅞″ triangular centers. Size: 2 5/16x ¼x3¾″. AC types for 50-60 Hz. 12 oz.

tock No.	Type	Volts	Action	EACH
C 5997	AP11A	6 AC	DPDT	9.65
C 6581	AP11A	12 AC	DPDT	9.65
C 5993	AP11A	120 AC	DPDT	9.65
C 6583	AP11A	240 AC	DPDT	10.20
C 6585	AP11D	6 DC	DPDT	9.65
C 5999	AP11D	24 DC	DPDT	9.65
C 6589	AP11D	110 DC	DPDT	10.40
C 5994	AP17A	120 AC	4PDT	11.70
C 6588	AP17D	12 DC	4PDT	11.70
C 5778	AP17D	24 DC	4PDT	11.70

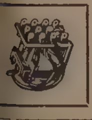
RS5D LIGHTWEIGHT RELAYS



Compact sensitive relays designed for radio-sonde, light-dimmer, and model applications. Sensitivity of 60 milliwatts. Life of over 10 million operations. Operate in 25 milliseconds and release in less than 5 milliseconds. SPDT contacts are bar alladium, rated at 2 amps. Current actuated, cept *voltage actuated Insulation resistance 100 megs minimum. Two 4-40 tapped holes n ⅝x¾″ diagonal centers. May be mounted Type "P" craze-resistant transparent plastic ase, or with KCP-KRP hold-down spring. ize: 1 5/16x1x1 11/64″. Av. shpg wt., 2 oz.

Stock No.	Coil Ohms	mA	EACH
41 C 5896	335	6 VDC*	2.90
41 C 5504	1350	12 VDC*	2.05
41 C 5897	2500	5.0	3.15
41 C 5898	5000	3.5	3.45
41 C 5899	10,000	2.5	4.00

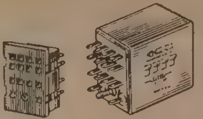
KM SUBMINIATURE RELAYS



For multiple switching use in small business machines, alarm systems, communications. Withstand 30g shock. Weigh 0.58 oz. 3/32″ silver contacts rated 2 amps. Solder terminals. Mtg. by 2-56 tapped core, locating half-punch. Size 1⅛x 53/64x35/64″. Shpg. wt., 1 oz.

Stock No.	Mfr's Type	Coil Volts	Action	EACH
C 6361	KM5D	6 DC	SPDT	3.80
C 6362	KM5D	12 DC	SPDT	3.80
C 6363	KM5D	24 DC	SPDT	3.80
C 6365	KM11D	6 DC	DPDT	4.15
C 6366	KM11D	12 DC	DPDT	4.15
C 6367	KM11D	24 DC	DPDT	4.15
C 6369	KM14D	6 DC	3PDT	4.80
C 6370	KM14D	12 DC	3PDT	4.80
C 6371	KM14D	24 DC	3PDT	4.80

KHP MINIATURE 4PDT RELAYS

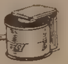


Compact, rugged 4PDT relays for data processing, computer control, etc. Come with nylon dust cover. Gold-flashed silver contacts rated 3 amps at 30 V DC or 115 V AC resistive, except types with suffix "12" have silver-cadmium-oxide contacts. Coil power: DC, 900 milliwatts; AC, 1.2 VA. Solder terminals with 3-48 mtg. stud, 5/16″ long. Fit sockets (below) with either printed circuit or solder lug terminals. Contacts rated for 100,000 operations. Size: 1 9/32x1 7/64x55/64″ maximum. Shpg. wt., 2 oz.

Stock No.	Mfr's Type	Coil		EA.
		Volts	Ohms	
41 C 4252	KHP17A11	6 AC	10.5	5.55
41 C 4253	KHP17A11	12 AC	43	5.55
41 C 4254	KHP17A11	24 AC	160	5.55
41 C 4255	KHP17A11	120 AC	3900	6.05
41 C 7675	KHP17D11	6 DC	40	5.05
41 C 7676	KHP17D11	12 DC	160	5.05
41 C 7677	KHP17D11	24 DC	650	5.05
41 C 7678	KHP17D11	48 DC	2600	5.25
41 C 7680	KHP17D11	90 DC	9000	5.90
41 C 7679	KHP17D11	110 DC	11000	5.90
41 C 6045	KHP17D12	24 DC	650	5.20
41 C 6046	KHP17D12	110 DC	11000	6.05

SOCKETS FOR KHP RELAYS

41 C 5940	9KH1	Solder Term.	.70
41 C 5990	9KH2	PC terminal	.70

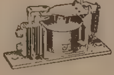


BU AC-OPERATED BUZZERS

Spring-steel armature buzzes when coil is energized. 1 1/32x1 1/32x1⅜″. Mtg., 6-32 tapped core. 2 oz.

Stock No.	AC Volts	Power VA	Coil Ohms	EACH
41 C 6005	6	4.6	2.75	1.95
41 C 6006	12	4.6	13.25	1.95
41 C 6007	24	4.6	50.00	1.95
41 C 6008	115	4.6	1250.00	1.95

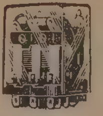
LB-5 PLATE-CIRCUIT RELAYS



Small, fast-acting circuit relays. For any circuit supplying only a few milliwatts of DC. Breakdown: 500 volts rms minimum. Silver contacts are rated 5 amps at 120 V. AC, 60 Hz resistive. All units have SPDT action. Adjusted by bending tail-spring hook. Size, 2 21/32x1¼x1⅜″. For DC operation only. Shpg., wt., 5 oz.

Stock No.	Ohms	mA	EACH
41 C 5625	2500	9	2.85
41 C 5626	5000	6.3	3.05
41 C 5774	10,000	4.5	3.30

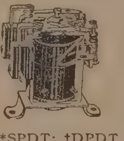
KUP PLUG-IN 10 AMP RELAYS



Reliable 10 ampere relay for industrial control applications. Designed for continuous operation. Silver-cadmium oxide contacts for long life. Enclosed in clear, high impact plastic dust cover. Coil Power: 1.2 watts DC; 2 VA AC except KUP14, 2.75 VA. Quick-connect .187″ solder terminals. For use with type 9KU1 molded nylon socket (below) with pierced solder terminals. Size: 1.531x1.406x1.906″ max. Shpg. wt., 3 oz.

Stock No.	Mfr's Type	Coil Volts	Action	EA.
41 C 4972	KUP5A15	6 AC	SPDT	3.90
41 C 4973	KUP5A15	12 AC	SPDT	3.90
41 C 4974	KUP5A15	24 AC	SPDT	3.90
41 C 4975	KUP5A15	120 AC	SPDT	3.90
41 C 4976	KUP5A15	240 AC	SPDT	4.30
41 C 4977	KUP5D15	6 DC	SPDT	3.75
41 C 4978	KUP5D15	12 DC	SPDT	3.75
41 C 4979	KUP5D15	24 DC	SPDT	3.75
41 C 4980	KUP5D15	110 DC	SPDT	4.35
41 C 4981	KUP11A15	6 AC	DPDT	4.75
41 C 4982	KUP11A15	12 AC	DPDT	4.75
41 C 4983	KUP11A15	24 AC	DPDT	4.75
41 C 4984	KUP11A15	120 AC	DPDT	4.75
41 C 4985	KUP11A15	240 AC	DPDT	5.15
41 C 4986	KUP11D15	6 DC	DPDT	4.25
41 C 4987	KUP11D15	12 DC	DPDT	4.25
41 C 4988	KUP11D15	24 DC	DPDT	4.25
41 C 4989	KUP11D15	110 DC	DPDT	4.90
41 C 4990	KUP14A15	6 AC	3PDT	5.30
41 C 4991	KUP14A15	12 AC	3PDT	5.30
41 C 4992	KUP14A15	24 AC	3PDT	5.30
41 C 4993	KUP14A15	120 AC	3PDT	5.30
41 C 4994	KUP14A15	240 AC	3PDT	5.70
41 C 4995	KUP14D15	6 DC	3PDT	4.90
41 C 4996	KUP14D15	12 DC	3PDT	4.90
41 C 4997	KUP14D15	24 DC	3PDT	4.90
41 C 4998	KUP14D15	110 DC	3PDT	5.30
41 C 4999	9KU1	Solder term. socket		.79

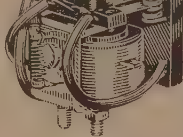
LM PLATE-CIRCUIT RELAYS



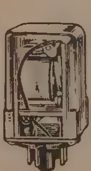
For photoelectric and similar circuits. Medium-cost, high quality, current-actuated relays. Pull-in adjustable by tail spring adjusting screw. DC coils only. Silver contacts rated 5 amps, 115 V 60 Hz, non-inductive load. Have 100 milliwatt sensitivity for single-pole, 200 mW for double-pole. *SPDT; †DPDT. Sizes are: LM5, 2 5/16x1¼x 2 7/16″: LM11, 2 3/16x2 5/32x2½″. Av. shpg. wt., 9 oz.

Stock No.	Type	Ohms	mA	EACH
41 C 5673	LM5*	2500	6.3	4.35
41 C 5674	LM5*	5000	4.5	4.55
41 C 5675	LM5*	10,000	3.2	4.90
41 C 5682	LM11†	2500	9.0	6.20
41 C 5683	LM11†	5000	6.3	6.40
41 C 5684	LM11†	10,000	4.5	7.05

knight® RELAYS



Open Type



Enclosed Type

- Life Expectancy Exceeds 5,000,000 Operations
- Molded Nylon Bobbins
- Modular Construction

Meet exacting requirements over a tremendous range of applications. In either open or enclosed plug-in types. Built-in contact wipe with riveted contacts. Phenolic terminal blocks. Independently riveted coil terminals. Enclosed types have crackproof dust covers of clear, poly carbonate resin. Silver alloy gold-flashed contacts rated 10 amps at 115 VAC or 32 VDC, noninductive.

OPEN TYPES

Tinned solder terminals. 6-32 mtg. hole. U.L. Comp. Prog. Recog. 1 11/32x1⅜x1¾″. 2 oz.

Stock No.	Coil		Action	EACH
	Volts	Ohms		
41 C 4650	12 AC	20	SPDT	3.15
41 C 4651	24 AC	75	SPDT	3.15
41 C 4652	115 AC	1500	SPDT	3.15
41 C 4653	12 DC	150	SPDT	3.00
41 C 4654	24 DC	600	SPDT	3.00
41 C 4655	12 AC	20	DPDT	3.70
41 C 4656	24 AC	75	DPDT	3.70
41 C 4657	115 AC	1500	DPDT	3.70
41 C 4658	12 DC	150	DPDT	3.35
41 C 4659	24 DC	600	DPDT	3.35
41 C 4660	110 DC	10,000	DPDT	3.95
41 C 4661	115 AC	1500	3PDT	4.20
41 C 4662	24 DC	600	3PDT	3.85

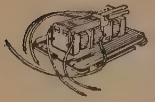
PLUG-IN ENCLOSED TYPES

SPDT and DPDT use std. octal plug; 3PDT, 11-pin plug. 1 31/32x1 13/32x1 13/32″. 3 oz.

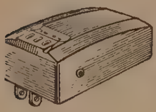
Stock No.	Coil		Action	EACH
	Volts	Ohms		
41 C 4663	12 AC	20	SPDT	5.45
41 C 4664	24 AC	75	SPDT	5.45
41 C 4665	115 AC	1500	SPDT	5.45
41 C 4666	12 DC	150	SPDT	5.40
41 C 4667	24 DC	600	SPDT	5.40
41 C 4668	12 AC	20	DPDT	6.05
41 C 4669	24 AC	75	DPDT	6.05
41 C 4670	115 AC	1500	DPDT	6.05
41 C 4671	12 DC	150	DPDT	6.10
41 C 4672	24 DC	600	DPDT	6.10
41 C 4673	110 DC	10 000	DPDT	6.70
41 C 4677	115 AC	1500	3PDT	7.50
41 C 4678	24 DC	600	3PDT	7.45

Relays, Photorelays, and Motors

ALCO REMOTE-CONTROL ISOLATION RELAYS



FR-101, FR-102



FRE-103

- Low-Voltage Control Up to 110 Volts
- Free Booklet Gives Typical Uses for Relay

MODEL FR-101 AND FR-102 BASIC RELAYS. Provide low-voltage control of high-voltage circuits. Combine step-down transformer and sensitive AC relays in a single laminated core construction. 110 VAC operation, but relay portion is activated by shorting the safe low-voltage provided by transformer. With dust cover. Av. shpg. wt., 5 oz.

MODEL FRE-103 PLUG-IN. Similar to SPDT FR-102, but with plug for standard AC wall outlet, and 3-way receptacle for selection of N. O. or N. C. controlling circuit. Miniature jack on side serves as plug-in for remote-controlling unit. Av. shpg. wt., 5 oz.

FREE! Booklet

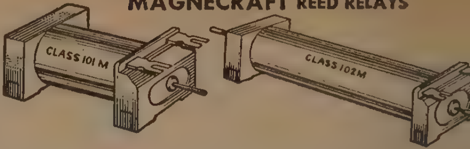
With Each Relay. Describes 28 Basic Design Ideas. Clear, Complete.

SPECIFICATIONS

Maximum Load: 5 amps at 117 volts.
Operating Voltage: 95 to 125 volts.
Current Consumed: Under 40 mA.
Isolated Voltage: Under 30 volts.
Terminals: Types FR-101 and FR-102, 6″ leads; Type FRE-103, plug-in.
Life: Over 50,000 operations.
Size with Cover: 2⅛x1¾x1¼″.

Stock No.	Mfr's Type	Contact Action	EACH
41 C 4292	FR-101	SPST Basic	3.85
41 C 4293	FR-102	SPDT Basic	4.45
41 C 4294	FRE-103	SPDT Plug-in	4.95

MAGNECRAFT REED RELAYS



Rugged design at minimum cost. Reed leads fastened to m
bobbin for stress relief. High-speed operation, sealed con

TYPE 101M: SPST, normally open. Cont. rated 12 VA @ ¼ an
100 VAC max. Coil, 600 mW. Operating time, 1 ms, release, ½
Avg. life, 5 million cycles. 1½x½x7/16″.

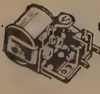
TYPE 102M: Cont. rated 15 VA @ 1 amp or 250 VAC max.
300 mW. Oper. time, 3 ms, release, ½ ms. Avg. life, 20 m
cycles. 3½x19/32x½″. Shpg. wt.: 101M, 2 oz.; 102M, 3 oz.

CLASS 101M SPST—N.O. MINIATURE REED RELAY

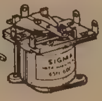
Stock No.	Mfr's Type	Coil			E
		mA	VDC	±10% Ohms	
41 C 4440	W101MX-1	......	6	100	2
41 C 4441	W101MX-2	......	12	250	2
41 C 4442	W101MX-3	......	24	500	2
41 C 4443	W101MX-4	9	....	2500	2
CLASS 102M SPST—N.O. STANDARD-SIZE REED RELAY					
41 C 4444	W102MX-1	40	....	100	2
41 C 4445	W102MX-2	......	6	200	2
41 C 4446	W102MX-3	......	12	500	2
41 C 4447	W102MX-4	......	24	2000	2
41 C 4448	W102MX-5	5.5	....	5000	2

SIGMA RELAYS AND PHOTORELAY COMPONENTS

RELAYS AND PHOTORELAYS



4F



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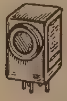


8R

TYPE 4F. A wide selection of plate circuit relays for any 20 or 50 mW sensitivity application. SPDT contacts rated at 2 amps. For smoke detection, burglar alarms and many similar applications. Size, 1½x1⅝x15/32″. Wt., 3 oz.

Stock No.	Mfr's Type	Ohms	mA DC	EACH
41 C 6377	4F-1000-S/SIL	1000	4.5	6.50
41 C 6378	4F-2500-S/SIL	2500	3.0	6.50
41 C 6379	4F-5000-S/SIL	5000	2.0	6.85
41 C 5285	4F-8000-S/SIL	8000	1.6	7.10
41 C 6127	4F-10000-S/SIL	10,000	1.4	7.10

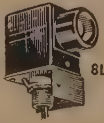
TYPE 65. Small, sensitive relays. SPDT contacts rated 1A. Screw mtg. (2 #4-40 holes spaced .888″ apart). Solder terminals. 5 million operation life. Ideal for toys, slide projectors. Wt., 1 oz.

Stock No.	Mfr's Type	Ohms	Contacts	EACH
41 C 6612	65F1A-12 DC	1640	SPDT	1.50
41 C 6613	65F1A-24 DC	6560	SPDT	1.50

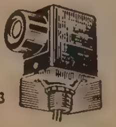
TYPE 8R PHOTORELAYS. Use CdS photocells. Tubeless. For applications requiring "light-no light" conditions. 5 ft.-candles are needed to operate. *0.1, †0.5 to release. Contacts are rated 5 amps. Aluminum dust covers. 1⅞x1½x1½″. For 120 V, 50-60 Hz. AC. *See Type 8L3-115, at right, for light source.* Shpg. wt., 4 oz.

Stock No.	Mfr's Type	Contacts	Base	EACH
41 C 6108	8RC01A*	SPDT	5-pin	16.33
41 C 6251	8RC02A†	SPDT	5-pin	16.88

INTEGRAL 2-PART PHOTORELAY SYSTEMS



8L3



8P3

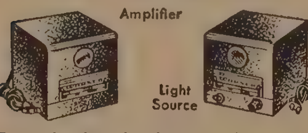
HIGH-SPEED TYPES 8P8 AND
Give up to 1200 operation
minute with maximum ran
12 feet. Resistive rating,
max. at 28 VDC or 115 V
2.5 A at 230 VAC. Provide
100 million mechanical o
tions. Have SPDT contact

GENERAL-PURPOSE TYPE 8P3. Will provide up to 600 operation
minute. Has a 10-amp resistive rating at 28 volts DC or 115
AC, and 5 amps at 230 volts DC. Designed to give up to 10 mi
mechanical operations. Operates up to 12 feet from light so
Has SPDT contact arrangement.

LIGHT SOURCE 8L3-115. All three systems above may be used
your own light source, or with the 8L3-115 Light Source list
the table below. Leads are #18 AWG, with an average 18″ le
Operating temperature range, +32° to +122°F.

Stock No.	Mfr's Type	Mounting and Size	Wt., Oz.	EA 1
41 C 6192	8P8-115	½″ conduit fitting, mounting bracket. 2½x129/32x37/16″	13	39
41 C 6193	8P10-115	5-pin plug. 2½x129/32x37/16″	8	37
41 C 6190	8P3-115	½″ conduit fitting, mounting bracket. 2½x129/32x311/16″	13	19
41 C 6191	8L3-115	Light source for 8P8-115, 8P10-115, 8P3-115 listed above	13	14

WORNER 4000 "WATCHMAN"



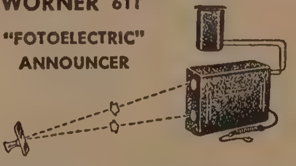
Two-unit photoelectric system for actuating burglar alarms. Light-source has infrared filter for invisible beam. Switch for continuous or momentary alarm. Sensitivity control. 6-V output for alarm. For indoor use at distances to 50 ft. 5x5x5½″. For 110-120 V, 50-60 Hz AC. 11¾ lbs.

41 C 7232 U 96.30

MODEL 5100. (Not illus.) As above, but has meter jack for plate-circuit test and alarm setting protected by lock. For up to 100 ft. For 110-120 V, 50-60 Hz AC. 14 lbs.

41 C 7441 U 134.67

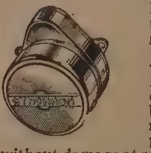
WORNER 61T
"FOTOELECTRIC" ANNOUNCER



Effective low-cost "electronic receptionist." Light source and photocell in one housing, mirror reflects beam back to unit. When light beam is broken, warning chime sounds. Features reliable all-transistor design. Outfit consists of "Fotoelectric" unit, mirror and chime. Unit may be placed three to ten feet from mirror. Size, 8¼x6½x2¾″. For 110-120 V, 50-60 Hz AC.

41 C 7325. Shpg. wt., 9 lbs..........64.80
60 C 9707. Extra Bulb. 5 oz...............32
41 C 7326. Extra Chime. 2 lbs..........6.75

HANSEN "SYNCHRON" MOTO

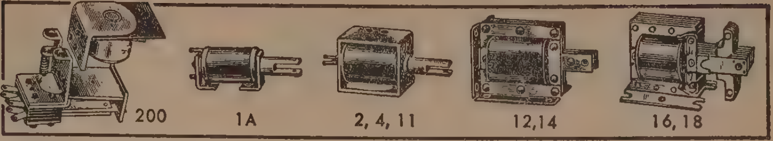


Hysteresis-synchro
timing motors. S
gear case, brass g
1-piece steel pi
with phenolic first
Has positive dire
of rotation. Do
bearings on rotor s
reduction train and
put shaft. Can be st
without damage at speeds of 1 rpm or fa
K12RC: has 4-W "K" coil; 20 in.-oz. to
I12RC: 3-W "I" coil; 30-in.-oz. to
All have Type 12 flatted shaft, ⅛″ d
⅜″ long. Clockwise rotation (facing sh
Two mtg. holes, .142″ dia., spaced 1.
110 V, 60 Hz AC. **Specify Motor Sp**
K12RC: 1, 2, 3, 4, 6, 10, 30, 50, 60 rpm; I1
1, 2, 4, 10, or 12 rph. Av. wt., 12 oz.

41 C 5800 C. K12RC. 1-60 rpm...Each
41 C 5801 C. I12RC. 1 or 2 rph...Each
41 C 5802 C. I12RC. 4-12 rph....Each

Relays, Solenoids and Motors

- Universal Relays
- Solenoids
- Midget Stepper
- Delay Relays
- Shaded Pole Motors
- Synchronous Motors



GUARDIAN RELAYS AND SOLENOIDS

UNIVERSAL "200" SERIES COILS FOR ASSEMBLING CUSTOM RELAYS

Universal interchangeable parts for assembling custom relays. Listings include AC, DC, and plate coils, and switch contact assemblies. Complete relay requires one coil and one contact assembly. For additional contacts use the contact switch parts kit. Contact ratings given are at 115 V, 60 Hz AC, non-inductive load. Size: with standard contact assembly, 2⅞x1⅛x1¾"; midget assembly, 2 1/16x1⅛x1½". Av. shpg. wt., 4 oz.

AC Coils			DC Coils		
Stock No.	**Volts**	**EACH**	**Stock No.**	**Volts**	**EACH**
41 C 5709	6	1.85	41 C 5713	6	2.00
41 C 5710	12	1.85	41 C 5714	12	2.00
41 C 5711	24	1.85	41 C 5715	24	2.00
41 C 5712	120	2.15	41 C 5717	110	2.65
41 C 5888	240	2.85			

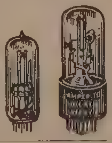
41 C 5779. Type 200-5000 D Plate Coil. 5000 ohms. 3 oz.......2.30

41 C 5109. Type 200-10,000 D Plate Coil. 10,000 ohms. 3 oz.....2.65

SERIES 200 SWITCH CONTACT ASSEMBLIES FOR USE WITH COILS ABOVE

Stock No.	Mfr's Type	Description	EACH
41 C 5707	200-1	SPDT std. contact assembly. 8 amps	1.60
41 C 5708	200-2	DPDT std. contact assembly. 8 amps	2.10
41 C 5724	200-4	DPDT std. contact assembly. 12.5 amps	2.35
41 C 5889	200-5	4PDT std. contact assembly. 8 amps.	3.70
41 C 5718	200-M1	SPDT midget contact assembly. 8 amps	1.50
41 C 5719	200-M2	DPDT midget contact assembly. 8 amps	1.85
41 C 5826	200-M5	4PDT midget contact assembly. 8 amps	3.00

AMPERITE TIME DELAY RELAYS



Hermetically sealed in glass envelope with octal base Heater draws 2 watts. Contacts: SPST. 3 amps at 115 VAC, 1 amp at 220 VAC. Voltage Breakdown: Contacts, 800 V; Heater-to-Contact, 800 V, except* 250 V and 500 V for delays of 10 sec. or less. Ambient temperatures from —55° to †70° C. Diameter, 1 9/32". Height less prongs, 2⅞". Shpg. wt. 4 oz. *Be sure to specify Type Number as well as Stock No.*

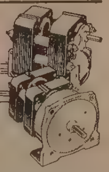
Delay Seconds	Type No. Normally Open			Type No. Normally Closed		
	6.3 V	26 V	115 V	6.3 V	26 V	115 V
2*	6N02	26N02	115N02	6C2	26C2	115C2
3*	6N03	26N03	115N03	6C3	26C3	115C3
5*	6N05	26N05	115N05	6C5	26C5	115C5
10*	6N010	26N010	115N010	6C10	26C10	115C10
15	6N015	26N015	115N015	6C15	26C15	115C15
20	6N020	26N020	115N020	6C20	26C20	115C20
30	6N030	26N030	115N030	6C30	26C30	115C30
45	6N045	26N045	115N045	6C45	26C45	115C45
60	6N060	26N060	115N060	6C60	26C60	115C60
75	6N075	26N075	115N075	6C75	26C75	115C75
90	6N090	26N090	115N090	6C90	26C90	115C90
120	6N0120	26N0120	115N0120	6C120	26C120	115C120
150	6N0150	26N0150	115N0150	6C150	26C150	115C150
180	6N0180	26N0180	115N0180	6C180	26C180	115C180

41 C 5295 C.. ....**Each 2.40**

Miniature Relays. All types listed in above table, are also available in miniature size except 150 and 180-second units. 9-pin. ¾x2⅝". Shpg. wt., 3 oz. *Specify Type No., adding letter "T" following Type Number. Example: 6N02T.*

41 C 5296 C.. **Each 2.40**

R.M.S. SHADED POLE AC MOTORS



Constant-speed gear motors ideal for photocopy, display, cycle controllers, remote-control devices, motorized valves, business machines. Linear torque output. Mount in any position with no lubricant loss. No fan required. Permanently lubricated; sintered-bronze bearings; no commutators or brushes; impedance protected. 155° insulation; gear-case lubrication good from −65 to +300°F. For 115 volts, 50-60 Hz AC. Av. wt., 3 lbs.

rpm	Torque In.-Oz.	Mfr's Type		rpm	Torque In.-Oz.	Mfr's Type	
		Clockwise	Reversible			Clockwise	Reversible
1	800	BG5R1K	BG5P1K	10	225	BG5R10K	BG5P10K
5	450	BG5R5K	BG5P5K	30	200	BG8R30K	BG8P30K

PRICES—SPECIFY TYPE AND RPM FROM ABOVE

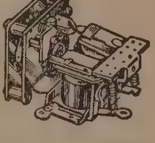
Stock No.	Rotation	1-9, EACH	10-24, EACH
41 C 4522 C	Clockwise	15.80	14.25
41 C 4524 C	Reversible	22.40	20.20

1A1 TO 18 SERIES INDUSTRIAL SOLENOIDS

*Intermittent-duty types for applications not requiring energization for more than 5 minutes with sufficient time between cycles for cooling. Should not be permitted to rise more than 85°C above 24°C ambient without time to cool. †Continuous duty types will not rise more than 85°C above 24°C ambient temp. when operated at rated load.

Stock No.	Type	Volts	Stroke	Lift Oz.	Size	Lbs.	EA.
41 C 5890	1A1*	115AC	⅛-½"	8	1 1/16x1¾x13/16"	¼	3.15
41 C 5891	1A1†	115AC	⅛-½"	3	1 1/16x1¾x13/16"	¼	3.15
41 C 5154	2*	115AC	⅛-⅞"	27	1⅝x1 9/16x1 7/16"	¾	3.68
41 C 5155	2†	115AC	⅛-⅞"	10½	1⅝x1 9/16x1 7/16"	¾	3.68
41 C 5892	4*	115AC	⅛-1"	24	1⅝x2x1 7/16"	1	4.20
41 C 5893	4†	115AC	⅛-1"	8	1⅝x2x1 7/16"	1	4.20
41 C 5828	12*	115AC	⅛-1"	42	1 7/16x1⅝x1 3/16"	½	4.46
41 C 5829	12†	115AC	⅛-1"	22	1 7/16x1⅝x1 3/16"	½	4.46
41 C 5595	11*	6DC	⅛-1"	39	1 3/16x1 5/16x1 27/32"	½	3.15
41 C 6318	11†	6DC	⅛-1"	26	1 3/16x1 5/16x1 27/32"	½	3.15
41 C 5596	11*	24DC	⅛-1"	39	1 3/16x1 5/16x1 27/32"	½	3.15
41 C 6319	11†	24DC	⅛-1"	26	1 3/16x1 5/16x1 27/32"	½	3.15
41 C 5894	14*	115AC	⅛-1½"	110	2 1/16x2 7/16x1⅞"	1¼	6.04
41 C 5895	14†	115AC	⅛-1½"	65	2 1/16x2 7/16x1⅞"	1¼	6.04
41 C 5156	16*	115AC	⅛-¾"	96	1 7/16x1⅝x1⅛"	½	3.68
41 C 5885	16†	115AC	⅛-⅝"	54	1 7/16x1⅝x1⅛"	½	3.68
41 C 6320	16†	230AC	⅛-⅝"	54	1 7/16x1⅝x1⅛"	½	3.94
41 C 5157	18*	115AC	⅛-1"	304	2 1/16x2½x1 13/16"	1	4.99
41 C 5886	18†	115AC	⅛-1"	145	2 1/16x2½x1 13/16"	1	4.99
41 C 6321	18†	230AC	⅛-1"	145	2 1/16x2½x1 13/16"	1	5.25

MER-115 MIDGET STEPPING RELAY

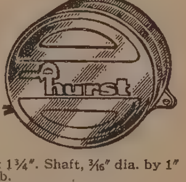


Electrical-reset stepping relay with 21 active positions. The relay resets from an external control on its own contacts. Contacts are rated at 1 amp at 115 V, 60 Hz, non-inductive. Stepping and reset coils 115 V, 60 Hz AC. Minimum set pulse, 50 ms; reset, 10 ms. Recommended for experimental purposes, original equipment. or replacement. Compact size, only 3¼x2 3/16x3¼". Shpg. wt., 13 oz.

41 C 5282. .. ..15.75

HURST SYNCHRONOUS MOTORS

- CA, SM, PC-SM and EA Series
- Accurate, Cool-Running



CA Series—100 Inch-Ounce Reversible. For continuous timing applications such as alarm systems, displays, process controls, etc. Instantly reversible with SPDT switching; maintain accuracy both clockwise and counter-clockwise. Torque: 100 inch-ounce at 1 r/min. Case, 2½" dia. x 2⅛". Shaft, 3/16" dia., 1" long flattened. Power drain: 5 watts. For 95-130 V, 60 Hz AC. Shpg. wt., 18 oz.

SM Series—40-Inch-Ounce Unidirectional. Shaded pole, clockwise rotation. Instant start at full torque of 40 inch-ounce at 1 r/min. Power drain: 5 watts. Case, 2½" dia. x 1¾". Shaft, 3/16" dia. by 1" long. For 95-130 V, 60 Hz AC. Shpg. wt., 1 lb.

OUTPUT SPEEDS IN REVOLUTIONS PER MINUTE

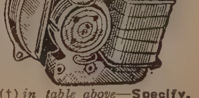
⅓	2½	8†	20†	33⅓	64	160	800
½*	3*	10*†	24	40	80	200	1000
1* †	4*†	12†	25	48	100	240	3600
1½	5*	15*	30*†	50	120†	400	....
2*†	6*†	16	32	60*†	150	600	....

41 C 7154 C. CA Series. All speeds in table above available. **—Specify Speed. 1-9**.........**Ea. 12.51 10-24**.........**Ea. 11.26**

41 C 7152 C. SM Series. *Available only in speeds indicated by asterisk* in table above.*—**Specify. 1-9**......**Ea. 12.28 10-24**......**Ea. 11.05**

PC-SM Positive Clutch Series. Basic SM motor as described above, with positive clutch and instantaneous brake. Clutch will start output shaft within 20 milliseconds and brake will stop output shaft within 1/5° at 1 rpm or within 12° at 60 rpm; other speeds proportional. Shpg. wt. 1¼ lbs. *Available only in speeds indicated by asterisk* (*) *in table above*—**Specify Speed.**

41 C 7153 C. 1-9.........**Each 17.86 10-24**.........**Each 16.07**



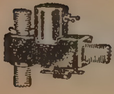
EA Series. Synchronous motor, with 150 inch-ounce rating at 1 r/min. Open frame, shaded pole. Completely accurate, cool-running timing motor with clockwise rotation. Case measures 1⅝x2⅝x3¼". 3/16x1" output shaft, except ‡3/32x1". Wt., 1¼ lbs.

Stock No.	R/Min.	EACH	
		1-9	10-24
41 C 7155 C	1-120†	9.35	8.41
41 C 7156	3600‡	6.93	6.24

Available only in speeds indicated by dagger (†) *in table above*—**Specify.**

Coaxial Relays and Relay Cleaning Tools

DOW-KEY COAXIAL ANTENNA RELAYS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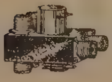
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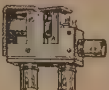
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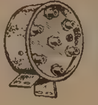
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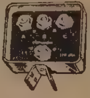
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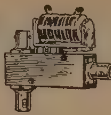
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60 Series. Heavy-duty SPDT 50-ohm coaxial relays. Handle 1 kW. VSWR less than 1.15:1, 0-500 MHz. Types with * have patented automatic receiver protecting connector for greater than 100 dB isolation between receiver and transmitter lines, from 0-500 MHz. Types ending in 2 include external DPDT contacts for switching auxiliary circuits 5 A @ 110 VAC. UHF conn. 2¾x3¾x1⅛". Av. wt., 10 oz.

Stock No.	Mfr's Type	Coil Volts	EACH	
			1-4	5-9
41 C 6114	60-2204	12 DC	14.85	13.50
41 C 6115	60-2604	115 AC	14.85	13.50
41 C 5953	60-2228*	12 DC	16.35	14.85
41 C 5955	60-2628*	115 AC	16.35	14.85
41 C 6118	60-222842*	12 DC	18.00	16.35
41 C 6119	60-262842*	115 AC	18.00	16.35
41 C 6116	60-220442	12 DC	16.50	15.00
41 C 6117	60-260442	115 AC	16.50	15.00

260. DPDT coaxial unit for switching two lines simultaneously. Frequency range is 0-500 MHz; power rating, 1 kW. VSWR, less than 1.15:1 from 0 to 500 MHz; isolation greater than 30 dB at 500 MHz; loss is less than 0.03 dB at 30 MHz. Long life—over 1 million operations. 50 ohms. 2¾x3¾x1¾". UHF connector. Shpg. wt., 12 oz.

41 C 6149	260-2604	115 AC	24.75	22.50

260B. Similar to Type 260, above, but internally connected in the de-energized position. UHF conn. Shpg. wt., 12 oz.

41 C 5956	260B-2604	115 AC	23.90	21.75

61. High-performance SPDT type switch. Range, 0-1000 MHz. VSWR, 1.1:1 at 400 MHz. Crosstalk, —40 dB at 400 MHz. Capacity, 100 watts. Plated per MIL-QQS-365, QQP-416. Life, over 1 million operations. 1¼x⅝x¹⁹⁄₃₂". BNC conn. 6 oz.

41 C 6148	61-2302	28 DC	28.95	26.30

71. SP6T weatherproof type for remote switching of RF sources. Common connector may be switched directly to any one of six positions. Range, 0-500 MHz; rating, 1 kW; VSWR, 1.1:1 at 100 MHz; isolation, 40 dB at 100 MHz; life, greater than 1 million operations. 50 ohms impedance. 5¾" dia., 2¾" deep. UHF conn. 3 lbs.

Stock No.	Mfr's Type	Coil Volts	EACH	
			1-4	5-9
41 C 5957	71-260402	115 AC	61.85	56.25
41 C 5958	71-290402	24 AC	61.85	56.25

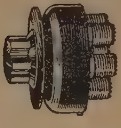
72. SP3T multi-position switch; weatherproof type. Same high-quality features as Type 71 switch listed above, except has only three positions. Size, 4x3½x3⅝". Supplied complete with mounting bracket that accommodates two standard TV mounting straps for quick, easy installation on antenna mast. UHF conn. Shpg. wt., 1½ lbs.

41 C 5960	72-260402	115 AC	31.35	28.50
41 C 5965	72-290402	24 AC	31.35	28.50
41 C 5967	72-220402	12 DC	31.35	28.50

77 Series. Miniature 50-ohm SPDT types with Type BNC connectors. Frequency range, DC to 1000 MHz; power rating up to 250 watts; VSWR, less than 1.1:1 at 500 MHz; isolation, greater than 30 dB at 500 MHz; insertion loss, less than .03 dB at 500 MHz; life, over 1 million operations. Models with 32 in Type No. have SPDT auxiliary switches rated 5 A @ 110 VAC resistive. 2⅜x2⅛x¹¹⁄₁₆" with connector. Wt., 5 oz.

Stock No.	Mfr's Type	Coil Volts	EACH	
			1-9	10-24
41 C 5910	77-220202	12 DC	11.50	10.50
41 C 5911	77-230202	28 DC	11.50	10.50
41 C 5914	77-220232	12 DC	12.75	11.60
41 C 5919	77-230232	28 DC	12.75	11.60

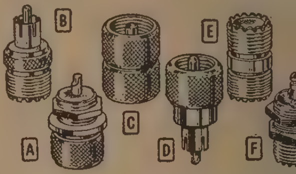
DOW-KEY MANUAL COAXIAL ANTENNA SWITCH



78 Series. For mar
switching of anter
modes. Provide outsta
ing RF characterist
Silver contacts are
diameter in shielded
cavity. All are rated a
kW, with antenna impedance of 50 oh
VSWR is less than 1.05:1 at 150 M
Isolation is greater than 50 dB at 500 M
and 8 dB at 30 MHz. Silver UHF ante
connectors. Require ²⁹⁄₆₄" mounting hole
⁵⁄₃₂" hole for key. *In listings below i
cates unit has transfer-crossover swi
Complete with mounting nut, dial p
and knob. Rugged black anodized finish
diameter, 1⅛" depth. Av. shpg. wt., 5

41 C 5900. 78-0204. SPDT.........14
41 C 5901. 78-0304. SP3T..........14
41 C 5902. 78-0604. SP6T..........15
41 C 5904. 78-0904. *T-C..........16

DOW-KEY COAXIAL CONNECTO



A 41 C 5905. C-201. Male UHF panel ty
Single ⅝" hole mounting. 1 oz.....

B 41 C 5907. A-210. Female UHF to n
phono type connector. Wt., 1 oz...

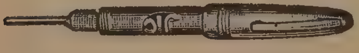
C 41 C 5946. A-F2. Double male U
locking type connector. Wt., 1 oz....

D 41 C 5908. A-211. Male UHF to n
phono type connector. Wt., 1 oz...

E 41 C 5906. A-202. Double female U
type connector. Wt., 1 oz..........

F 41 C 5903. C-60P. Female UHF ty
Single ⅝" hole panel mounting. 1 oz.

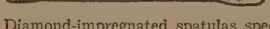
JONARD RELAY TOOLS AND SERVICE KITS



POCKET CONTACT BURNISHERS

Compact tools for cleaning and burnishing relay contacts. Replaceable steel blades. Leaves no residue. Chrome-plated barrel with pocket clip, aluminum chuck. Plastic cap permits use with live contacts. Size, ⅜x5½". With blades. Shpg. wt., 5 oz.

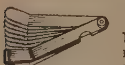
41 C 7355. **P-4 Burnisher.** With 12 RB4 (¼x1¼" blades)......3.90
41 C 7356. **P-6 Burnisher.** With 12 RB6 (³⁄₁₆x1¾" blades.).....3.90
41 C 7357. **RB4 Replacement Blades.** 2 oz.........Pkg. of 25 for 3.75
41 C 7358. **RB6 Replacement Blades.** 2 oz.... ...Pkg. of 25 for 3.75



DIAMOND-FACED RELAY CLEANERS

Diamond-impregnated spatulas specifically designed for cleaning relay contacts. Require only a gentle, even pressure to do a thorough cleaning job—contact gap is left unchanged. Types 200 and 300 have 0.55 mm diamond grain; have two diamond faces. Type 400 has 0.25 mm diamond grain. Type 234 is set of one each of the three types, in plastic case. 6" long. Shpg. wt., 2 oz.

Stock No.	Mfr's Type	Description	EACH
41 C 7328	200	For industrial relays	4.95
41 C 7329	300	For intermediate relays	4.95
41 C 7330	400	For sensitive relays	4.95
41 C 7285	234	Set of one ea.: 200, 300, 400	14.85

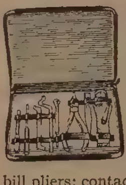


RELAY CONTACT THICKNESS GUAGE

Type T-255. Extremely useful gauge accurately measures thickness of contact spacing on relays and switches. Has 9 swing-out blades that measure thickness from .009" to .026". Complete with 4" long, ½" wide case to protect blades when not in use. Wt., 5 oz.

41 C 6939..2.24

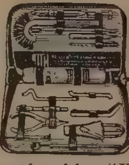
KR-6 COMPACT 8-PIECE RELAY SERVICE TOOL KIT



Handy relay service tool kit designed to fit ea
in the serviceman's pocket or tool box. Ideal
"in-plant" and emergency service calls. Inclu
all the major tools needed to accurately adj
calibrate and service relays, contacts, and m
other electro-mechanical devices. All tools
precision-made of the finest quality carbon st
Heavily insulated dielectric tools permit adj
ing or repairing even high-voltage equipm
without the necessity of costly and time-c
suming power shutdowns. Kit includes: sp
adjuster; armature arm and stop benders; du
bill pliers; contact burnisher; 0-50 gram relay spring-tension gau
fine point tweezer; swivel head screwdriver. All tools are in ha
zippered leather carrying case with special holders for each t
Shpg. wt., 2 lbs.

41 C 7351..19

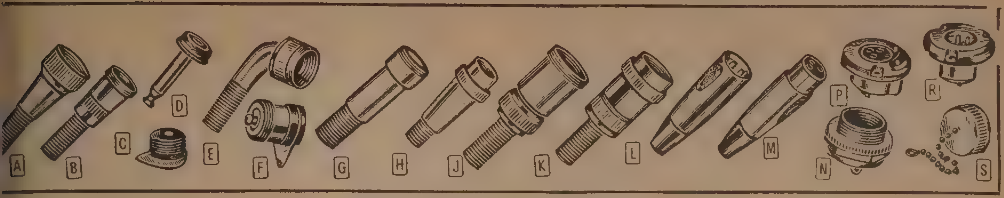
K-55 MASTER 15-PIECE RELAY SERVICE TOOL KIT



Precision-made, professionally designed
outfit contains everything needed for full
justment and maintenance of relays, contact
switches, other electro-mechanical devices.
includes: two spring adjusters (Types SA-7,
17); duckbill pliers; service inspection mi
armature arm bender; "PENFILE" con
burnisher; 0-50 gram relay-spring tension ga
screwdriver; 4-in-one tool; back-stop ben
angle thickness gauge; tweezer; selector sw
brush; pkg. of 12 replacement blades for
tact burnisher; "Kontact 60" spray. All tools and spray are pack
in deluxe zippered leather carrying case for complete protect
Shpg. wt., 3½ lbs.

41 C 7350..34

Amphenol Microphone and RF Cable Connectors



MICROPHONE CONNECTORS

Most microphones listed in this catalog are supplied less connector. Choose from this complete selection of Amphenol connectors—you'll ind one to meet any application. Precision construction assures connections free from noise, leaks or shorts. Cable plugs are equipped with spring-type cord protectors. When splicing 2 cords, use one 75-MC1F and one 75-MC1M connector for a strong, reliable connection.

SERIES 75 SINGLE-BUTTON CONTACT TYPES

Standard connectors ⅝", 27 threads; *⅜" mounting holes. †Indicates miniature connectors that are approximately half the size and weight of standard counterparts with same specifications. Durable bright chrome inish. Av. shpg. wt., 3 oz.

Stock No.	Type	Fig.	Description	EA.
47 C 1958	75-MC1F	A	Cable plug	.64
47 C 1955	75-MC1M	B	Cable plug	.46
47 C 1965	*75-PC1M	C	Chassis receptacle, non-shorting	.41
47 C 1962	75-MC1P	D	Phone plug adapter	.52
47 C 1959	75-MC1FA	E	90° angle cable jack	1.31
47 C 1967	*75-CL-PC1M	F	Chassis receptacle, closed circuit	.67
47 C 2660	†75-3	F	Locknut receptacle	.50

SERIES 80 SINGLE AND DOUBLE-PIN CONTACT TYPES

For shielded cables, single and two-conductor coax, etc. Center contacts are pin and socket type. *Single-contact type. †Polarized, double-contact. Mount in ⅝" hole with max. panel thickness of $^{11}\!/_{32}$". Durable bright chrome finish. Av. shpg. wt., 3 oz.

47 C 2084	*80-C	N	Female chassis receptacle	.54
47 C 2081	*80-M	H	Male cable plug	.67
47 C 2082	†80-MC2F	G	Female cable jack	.71
47 C 2664	†80-MC2F1	H	Female cable plug	.75
47 C 2083	†80-MC2M	H	Male cable plug	.69
47 C 2665	†80-MC2M1	G	Male cable jack	.65
47 C 2085	†80-PC2F	N	Female chassis receptacle	.60
47 C 2666	†80-PC2M	N	Male chassis receptacle	.57

S **Type 75-CCC1 Cap and Chain.** Seals open chassis units against dirt and dust. Chain has eye for securing to panel. Used with both series 75 and 80 receptacles. Shpg. wt., 3 oz.
47 C 0381.. .45

SERIES 91 3 AND 4-CONTACT TYPES

For portable equipment. Polarized. Clamps eliminate stress on soldered connections. *3-contact type. †4-contact. Panel ⅛" thick, max. Receptacles mount in $^{27}\!/_{32}$" hole. Av. shpg. wt., 3 oz.

Stock No.	Type	Fig.	Description	EACH
47 C 1970	*91-MC3F	J	Female cable jack	1.07
47 C 2667	*91-MC3F1	K	Female cable plug	1.10
47 C 1971	*91-MC3M	K	Male cable plug	1.01
47 C 2668	*91-MC3M1	J	Male cable jack	.97
47 C 1972	*91-PC3F	N	Female chassis receptacle	.73
47 C 2669	*91-PC3M	N	Male chassis receptacle	1.14
47 C 1977	†91-MC4F	J	Female cable jack	1.10
47 C 2670	†91-MC4F1	K	Female cable plug	1.14
47 C 1976	†91-MC4M	K	Male cable plug	1.03
47 C 2672	†91-MC4M1	J	Male cable jack	.99
47 C 1978	†91-PC4F	N	Female chassis receptacle	.72
47 C 2673	†91-PC4M	N	Male chassis receptacle	.98

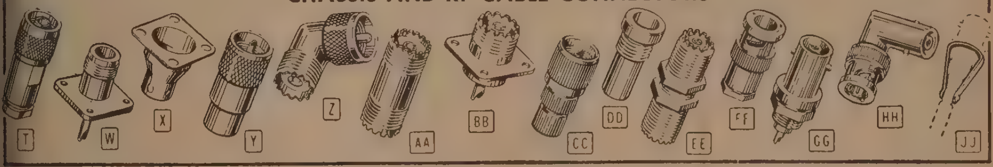
S **Type 91-CCC3 Cap and Chain.** Protects chassis jacks from dust. Used for series 91 microphone connectors. Shpg. wt., 3 oz.
47 C 2674. .... .48

SERIES 91 "QUIK" 3 AND 4-CONTACT TYPES

Push together; released by slight pressure on lock button. Gold-Plated (over silver) bronze contacts. Incorrect insertions are impossible because connectors are polarized. Satin nickel-plated, zinc-alloy shells. *3-contact type. †4-contact type. Av. shpg. wt., 3 oz

47 C 2065	*91-853	L	Male cable plug	1.73
47 C 2066	*91-854	M	Female cable plug	2.27
47 C 2067	*91-855	R	Male chassis receptacle	1.38
47 C 2068	*91-856	P	Female chassis receptacle	3.14
47 C 2069	†91-857	L	Male cable plug	1.82
47 C 2070	†91 858	M	Female cable plug	2.52
47 C 2071	†91-859	R	Male chassis receptacle	1.49
47 C 2072	†91-860	P	Female chassis receptacle	3.37

CHASSIS AND RF CABLE CONNECTORS



Series 31 BNC Coaxial Connectors. Small, weatherproof connector with bayonet coupling. Low-voltage, single contact. *For 50-ohm RG-55/U and RG-58/U cables. †For 70-ohm RG-59/U, RG-62/U and RG-71/U. Plugs mate with 31-003 or jacks. Av. shpg. wt., 3 oz.

Stock No.	Military No.	Mfr's Type	Fig.	Description	EA.
47 C 0391	UG-88/U	*31 002	FF	Plug	.67
47 C 2476	UG-88B/U	*31-018	FF	Plug	.80
47 C 2477	UG-88CU	*31-202	FF	Plug	.73
47 C 0393	UG-89/U	*31-005	GG	Jack	1.00
47 C 0396	UG-260/U	†31-012	FF	Plug	.71
47 C 2478	UG-260A/U	†31-021	FF	Plug	.82
47 C 0397	UG-261/U	†31-015	GG	Jack	1.22
47 C 0395	UG-262/U	†31-011	.....	Panel Jack	1.31
47 C 0492	UG-274/U	31-008	.....	"T" Adapter	2.24
47 C 0392	UG-290/U	*31-003	.....	Receptacle	.75
47 C 2483	UG-290A/U	31-203	....	Receptacle	.82
47 C 0399	UG-291/U	*31-001	..	Panel Jack	1.14
47 C 0394	UG-306/U	31 009	HH	Adapter, Right-Angle	1.94
47 C 2486	UG-491A/U	31-218	.	Male Adapter	2.29
47 C 2132	UG-625/U	5575	GG	Receptacle	.69
47 C 0398	UG-657/U	31-102	GG	Receptacle	1.18
47 C 2491	UG-1094/U	31 221	GG	Receptacle	.71
47 C 2496	....	31-759	JJ	Shield Grounding Lug	.16

Series 82 N Coaxial Connectors. Low-voltage. 70 ohms. *50 ohms. 3 oz.

Stock No.	Military No.	Mfr's Type	Fig.	Description	EA.
47 C 0313	UG-21B/U	82 61	T	Plug	1.17
47 C 2603	UG-57B/U	*82-100	.....	Adapter, Straight Male	2.15
47 C 0312	UG-58/U	82-24	W	Receptacle	.81
47 C 0529	UG-58AU	*82-97	W	Receptacle	.85
47 C 2116	UG-536/U	34000	T	Plug	1.98

Series 83 UHF Coaxial Connectors. Small single contact. Widely used for RF applications. All exposed metal is silver plated for superior performance. *Polystyrene insulation. †Mica-filled. Av. shpg. wt., 3 oz.

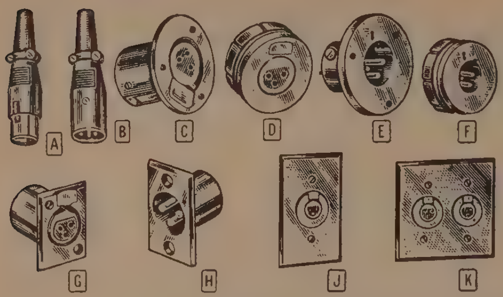
Stock No.	Military No.	Mfr's Type	Fig.	Description	EA.
47 C 0357	UG-106/U M-360, 49193	83-1H	X	Hood	.33
47 C 2450	UG-111/U	83 750	T	Plug	.90
47 C 0360	UG-175/U	83 185	DD	Adapter, Reducing	.18
47 C 0359	UG 176/U	83-168	...	Adapter, Reducing	.18
47 C 0351	UG-177/U	83 765	X	Hook	.33
47 C 0373	UG-203/U	83-776	Y	Plug	1.53
47 C 0356	UG 363/U	83-1F	EE	Adapter, Bulkhead	2.36
47 C 0353	UG-646/U	83-1AP	Z	Adapter, Right Angle	1.68
47 C 0354	M-358, 49199	83-1T	.	"T" adapter	3.09
47 C 2452	M 359A	83-58	.	Adapter, Angle	1.71
47 C 0355	PL-258, 49191	83 1J	AA	Straight adapter	1.15
47 C 0350	PL 259, 49190	83-1SP	Y	For RG/U 8, 9, 10, 11, 12, 13, 63, 65	.59
47 C 0352	SO 239, 49194	83 1R	BB	Receptacle chassis type	.55
47 C 2454	PL-259A, 49195	83-756	T	Plug	1.39
47 C 0372	PL-259A	†83-1SPN	Y	Plug	1.02
47 C 2455	SO 239	*83 1RTY	BB	Receptacle	.88
47 C 2453	SO-239A	83-798	BB	Receptacle	1.22
47 C 2457	PL-259, 49190	83-822	T	Plug	.71
47 C 0361	UG/102/U	83-22SP	...	Plug	1.31
47 C 0362	UG-103/U	83-22R	...	Receptacle	1.12

Solderless Type UHF Plug Connectors. Av. shpg. wt., 3 oz.

Stock No.	Military No.	Mfr's Type	Fig.	Description	EA.
47 C 0509	....	83 850	CC	Plug for RG/U 11	2.83
47 C 0510	....	83-851	CC	Plug for RG/U 8, 9, 10, 11, 12, 13, 63, 65	1.97

Audio Connectors, Adapter Kit

CANNON XLR AUDIO CONNECTORS



Audio connectors with clamp and resilient socket insulator. Minimize mechanical interference and reduce noise. Feature satin-nickel finish, integral cable clamp, neoprene cable relief and push-action latchlock. First number in Type column indicates number of contacts. -2G in Type No. indicates 2 gang. 3-contact types rated at 15 amps; 4-contact types rated at 10 amps. *Wall-type receptacles; †panel-type receptacles. ‡Indicates steel shell, others are die-cast zinc. Av. shpg. wt., 4 oz.

STRAIGHT CORD PLUGS

Stock No.	Mfr's Type	Fig.	Description	1-9 EA.	10-49 EA.
47 C 0790	XLR-3-11C	A	Female (socket insert)	1.42	1.30
47 C 1212	XLR-4-11C	A	Female (socket insert)	1.80	1.65
47 C 0983	XLR-3-11SC‡	A	Female (socket insert)	4.54	4.16
47 C 0984	XLR-4-11SC‡	A	Female (socket insert)	4.62	4.24
47 C 0791	XLR-3-12C	B	Male (pin insert)	1.24	1.13
47 C 1213	XLR-4-12C	B	Male (pin insert)	1.32	1.21
47 C 0985	XLR-3-12SC‡	B	Male (pin insert)	3.48	3.32
47 C 0986	XLR-4-12SC‡	B	Male (pin insert)	3.73	3.42

WALL AND PANEL RECEPTACLES

Stock No.	Mfr's Type	Fig.	Description	1-9 EA.	10-49 EA.
47 C 1214	XLR-3-13†	C	Female (socket insert)	2.04	1.89
47 C 1215	XLR-4-13†	C	Female (socket insert)	2.12	1.95
47 C 1216	XLR-3-13N†	D	Female (socket insert)	2.78	2.55
47 C 1217	XLR-4-13N†	D	Female (socket insert)	2.86	2.63
47 C 1218	XLR-3-14*	E	Male (pin insert)	.91	.84
47 C 1219	XLR-4-14*	E	Male (pin insert)	.96	.88
47 C 1223	XLR-3-14N†	F	Male (pin insert)	2.25	2.07
47 C 1224	XLR-4-14N†	F	Male (pin insert)	2.43	2.22
47 C 0792	XLR-3-31*	G	Female (socket insert)	2.12	1.95
47 C 1225	XLR-4-31*	G	Female (socket insert)	2.19	2.00
47 C 0793	XLR-3-32*	H	Male (pin insert)	1.21	1.11
47 C 1226	XLR-4-32*	H	Male (pin insert)	1.59	1.46
47 C 0987	XLR-3-35*	J	Female (socket insert)	5.24	4.81
47 C 0988	XLR-3-35-2G*	K	Female (socket insert)	9.65	8.84

G-C ELECTROCRAFT SOLDERLESS PHONO PLUGS

Handy right-angle design for fast, positive connections. Plastic shells. For std. shielded cable with 3⁄16" O.D. Overall length, 1 7⁄32". Pin dia., 1⁄8". Wt., 2 oz.

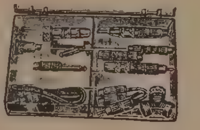
Stock No.	Mfr's Type	Shell Color	EACH 1-9	EACH 10-99
47 C 6117	33 776	Gray	.31	.28
47 C 6118	33 778	Black	.31	.28
47 C 6119	33 780	Red	.31	.28

PERMONITE PHONO PIN PLUG AND JACK

Standard phono pin plug and jack used in most hi-fi equipment. Take single conductor shielded cable. Av. shpg. wt., 2 oz. **10 per pkg.**

47 C 6057. Pin Plug MP-101B.... Per Pkg. .31
47 C 6058. Pin Jack FS-101...... Per Pkg. .43

SWITCHCRAFT HANDY ADAPTER KIT

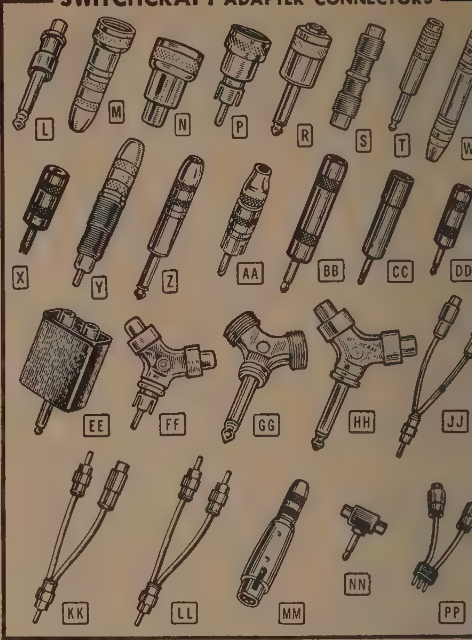


Type 331A. 11 audio adapters, 1 cable in plastic box. One each: 25AF25, 36" shielded cable with phono plug each end; 25Y mike connector Y-adapter; 330F1, Fig. JJ at right; 332A, Fig. M at right; 334A, Fig. N at right; 336A, Fig. Y at right; 336B, phone jack input to phono jack output; 345, phono jack input to phone plug output; Two each: Type 44 adapter, make mike input to phone plug output; Type 349 coupler, phono jacks at each end. **47 C 4906.** Shpg. wt., 1 lb....... 9.60

SWITCHCRAFT AUDIO CONNECTOR

Type 384. Adapts standard 2-conductor phone plug (Switchcraft Nos. 240 and 250) to equipment using a 3-contact audio receptacle. (Switchcraft Nos. A3F, C3F, D3F; Cannon XLR-3-11C, XLR-3-13C, etc.). Has electrically integral ground terminal, "captive design" insert screw. Wt., 4 oz. **47 C 1490**.. 2.55

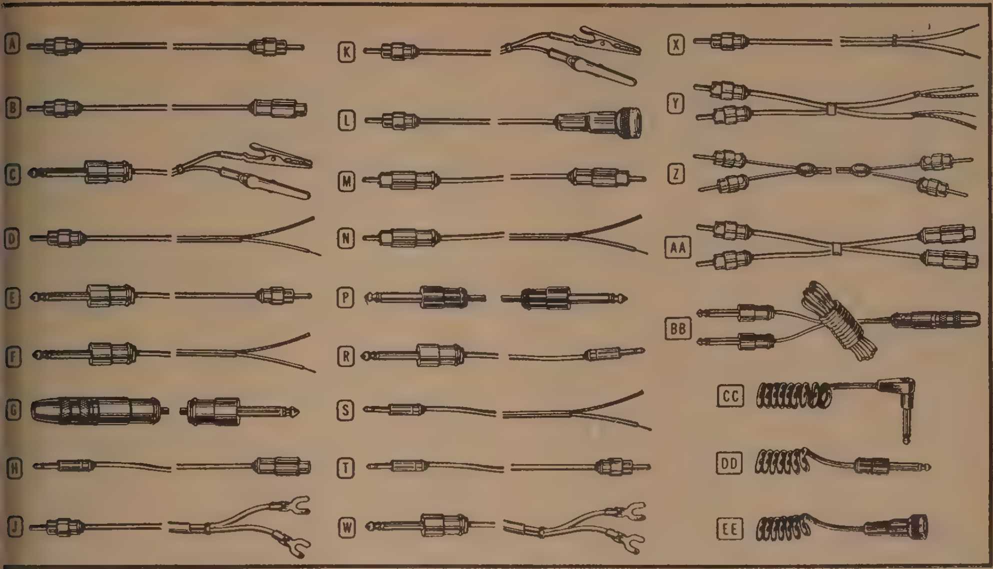
SWITCHCRAFT ADAPTER CONNECTORS



Provide quick, sure interconnection of audio equipment whose exist connectors do not mate. Positive mating contacts prevent resistive losses. All are shielded to assure reduction of hum. Types 332A, 33 338B may be used with either male or female types—coupling rin removable. Nos. 369, 374, 375, 376, 377 have shielded, nickel-pla brass handles. No. 378 for two separate earphones. Av. wt., 6 oz.

Stock No.	Type	Fig.	Description
47 C 0382	345A	L	Phone plug out; phono jack in.
47 C 1768	332A	M	2-cond. phono jack input to female or male mike output; main body ½".
47 C 1769	334A	N	Phono jack input to female microphone connector output.
47 C 1795	338B	P	Phono plug to mike connector.
47 C 0940	364A	R	2-cond. "tini-jack" input; standard phone plug out.
47 C 1774	349A	S	Phono jack coupler mates with phono plug at each end; gray plastic.
47 C 1779	369	T	Std. 2-cond. phone plug to 2-cond. short extension jack (used on late models Revere and Wollensak recorders).
47 C 0938	361	W	2-cond. phone jack coupler mates with phone plug at each end.
47 C 1799	377	X	"Micro-jax" input to 2-cond. "tini-plug"
47 C 1772	336A	Y	2-conductor phone jack input to phono plug output; main body ½".
47 C 1618	352	Z	3-cond. phone jack to 2-cond. phone plug output.
47 C 1619	365	AA	2-cond. "tini-jack" input to standard phono plug output.
47 C 1789	374	BB	Phone jack to 2-cond. "tini-plug".
47 C 1788	370	CC	Phono jack to 2-cond. "tini-plug".
47 C 1797	375	CC	Phono jack to 2-cond. "micro-plug".
47 C 1798	376	DD	Tini-jax input to 2-cond. micro-plug.
47 C 1721	353	EE	Adapter for using 2 stereo headsets from single 3-cond. jack; 3-cond. phone plug to two 3-cond. phone jacks.
47 C 0939	340	EE	2 std. phone jack inputs paralleled to 2-cond. phone plug output
47 C 1764	330F	FF	2 phono jacks connected in parallel to standard phono plug.
47 C 1994	330M	GG	Y-adapter, 2 male mike connectors to standard 2-cond. phone plug.
47 C 1229	330PJ	HH	Y-adapter; standard phone plug to 2 phono jacks.
47 C 1686	330F1	JJ	Flexible Y-connector; 2 phono jacks to std. phono plug. Shielded. 4".
47 C 1699	330F2	KK	Same as above, but phono plug and phono jack to phono plug.
47 C 1722	330F3	LL	Same as above two types, but 1 phono plug to two phono plugs.
47 C 1733	383	MM	3-pin switchcraft A3F female microphone input to 2-cond. Ext. Phone jack output.
47 C 1732	378	NN	"Tini-Tee" Adapter. 2-cond. "Tini-Plug" input to two 2-cond. "Tini-Jax" outputs.
47 C 1734	330B	PP	Adapts Lear Jet Model HSA-900 tape recorder to RCA, or units with a 3 contact in-line socket assembly.

Switchcraft Audio Connectors and Molded Cables

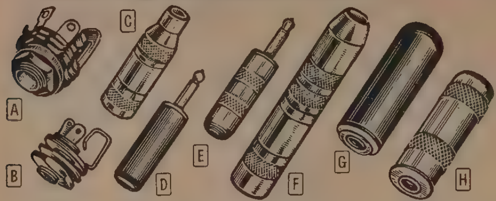


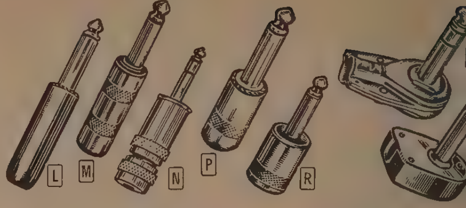
AUDIO CONNECTORS AND MOLDED CABLE ASSEMBLIES

Feature highest quality wire, soldered connections. Plugs are molded irectly to various cable combinations . . ensures protection against moisture, minimizes noise, virtually eliminates short-circuits, and provides positive electrical connections. Built-in cable clamps support cable and eliminate strain on plugs. Plugs and jacks are molded of unbreakable Tenite for long-life and rugged use. In table below, standard phone plugs have ¼" diameter sleeve; handles designed to "mate" with jacks even when jacks are recessed below panel surface. Tiny plugs (Series 40DF, DK, and DN) are ⅓ standard size to be used with late-model recording equipment, pocket radios, etc. Series 25FF, FK, and FN are special stereo cable assemblies providing two completely isolated channels, with color-coded insulated cables inside a chrome gray plastic jacket, separate plugs for easy connections regardless of jack spacing. Type 05FH81 (Fig. BB) adapts 3-cond. plugs on stereo headphones to 2 separate 2-cond. jacks used on most stereo recorders. Wires are shielded or unshielded as indicated. Av. shpg. wt., 6 oz.

Stock No.	Mfr's Type	Fig.	Feet	Description	EACH
47 C 1509	25AC25	A	1½	Straight Phono Plug at each end of Gray Shielded Cable.	.69
47 C 1510	25AF25	A	3		.78
47 C 1512	25AK25	A	6		.99
47 C 1538	25AN25	A	10		1.32
47 C 1541	25AF82	B	3	Straight Phono Plug to Phono Extension Jack; Gray Shielded Cable.	.90
47 C 1542	25AK82	B	6		1.17
47 C 1543	25AN82	B	10		1.32
47 C 1578	05CK86	C	6	Straight Phone Plug to Alligator Clips; Gray Parallel Cable; Unshielded	1.26
47 C 1544	05CN86	C	10		1.59
47 C 1547	05CT86	C	20		1.98
47 C 1548	25AF84	D	3	Straight Phono Plug to Stripped and Tinned Ends; Gray Shielded Cable.	.63
47 C 1549	25AK84	D	6		.75
47 C 1550	25AN84	D	10		1.08
47 C 1551	05AK25	E	6	Straight Phone Plug to Straight Phono Plug; Gray Shielded Cable.	1.32
47 C 1552	05AN25	E	10		1.80
47 C 1570	05AR25	E	15		1.98
47 C 1600	05AK84	F	6	Straight Phone Plug to Stripped and Tinned Ends; Gray Shielded Cable.	1.17
47 C 1601	05AN84	F	10		1.50
47 C 1602	05AR84	F	15		1.80
47 C 1596	10BK81	G	6	Straight 3-Cond. Phone Plug to Straight 3-Cond. Extension Jack. Gray Shielded Cable.	3.18
47 C 1597	10BN81	G	10		3.96
47 C 1598	10BU81	G	15		5.79
47 C 1605	05AK80	G	6	Straight 2-Cond. Phone Plug to Straight 2-Cond. Extension Jack. Gray Shielded Cable.	1.71
47 C 1615	05AN80	G	10		2.31
47 C 1620	05AR80	G	15		2.64
47 C 1622	40DF82	H	3	Straight Tiny Plug to Phone Extension Jack; 2-Cond. Shielded Cable.	1.32
47 C 1623	40DK82	H	6		1.65
47 C 1624	40DN82	H	10		1.77
47 C 1626	25CN85	J	10	Straight Phono Plug to Spade Lugs; Gray Parallel Cable; Unshielded.	.99
47 C 1726	25CT85	J	20		1.29
47 C 2443	25CK86	K	6	Straight Phono Plug to Alligator Clips; Gray Parallel Cable; Unshielded.	1.17
47 C 1627	25CN86	K	10		1.50
47 C 1628	25CT86	K	25		1.71
47 C 1629	25AK87	L	6	Straight Phono Plug to Microphone Conn. 2501F; Gray Shielded Cable.	1.62
47 C 1631	26AR26	M	15	Straight Phono Plug with Long Handle on Each End; Gray Shielded Cable.	1.71
47 C 1632	25AR84	N	15	Straight Phono Plug to Stripped and Tinned Ends; Gray Shielded Cable.	1.50
47 C 1638	05AK05	P	6	Straight 2-Cond. Phone Plug at Each End; Gray Shielded Cable.	1.71
47 C 1633	05AN05	P	10		2.31
47 C 1727	05AU05	P	25		3.06
47 C 1593	10BK10	P	6	Straight 3-Cond. Phone Plug at Each End; Gray Shielded Cable	3.18
47 C 1594	10BN10	P	10		3.96
47 C 1595	10BU10	P	25		5.79
47 C 1634	40DF05	R	3	Straight Tiny Plug to Straight Phone Plug; 2-Cond. Shielded Cable.	1.50
47 C 1637	40DK05	R	6		1.80
47 C 1639	40DN05	R	10		2.00
47 C 1645	40DF84	S	3	Straight Tiny Plug to Stripped and Tinned Ends; 2-Cond. Shielded Cable.	1.17
47 C 1646	40DK84	S	6		1.32
47 C 1647	40DN84	S	10		1.65
47 C 1648	40DF25	T	3	Straight Tiny Plug to Straight Phono Plug; 2-Cond. Shielded Cable.	1.38
47 C 1655	40DK25	T	6		1.65
47 C 1675	40DN25	T	10		1.95
47 C 1683	05CT85	W	20	Straight Phone Plug to Spade Lugs; Gray Parallel Cable, Unshielded.	1.56
47 C 1685	25CN84	X	10	Straight Phono Plug to Stripped and Tinned Ends; Parallel Cable; Unshielded.	.93
47 C 1728	25CT84	X	20		1.20
47 C 1497	25FF84	Y	3	Two Straight Phono Plugs on One End to Stripped and Tinned Leads; Gray Shielded Stereo Cable.	1.92
47 C 1498	25FK84	Y	6		2.16
47 C 1499	25FN84	Y	10		2.49
47 C 1494	25FF25	Z	3	Two Straight Phono Plugs at Each End; Gray Shielded Stereo Cable.	2.16
47 C 1495	25FK25	Z	6		2.49
47 C 1496	25FN25	Z	10		2.97
47 C 1723	25FF82	AA	3	Two Straight Phono Plugs on 1 End to Two Straight Phono Exten. Jacks; Gray Shielded Stereo Cable.	2.13
47 C 1724	25FK82	AA	6		2.43
47 C 1725	25FN82	AA	10		2.85
47 C 1531	05FH81	BB	4	Two 2-Cond. Phone Plugs on One End to 3-Cond. Phone Extension Jack. Shielded Gray Stereo Cable. Color-Coded.	2.88
47 C 2445	25FH81	BB	4		2.34
47 C 1505	15LH84	CC	4	Right Angle Phone Plug to Stripped and Tinned Ends; Shielded Coiled Cord.	2.16
47 C 1504	05LH84	DD	4	Straight Phone Plug to Stripped and Tinned Ends; Shielded Coiled Cord.	2.16
47 C 1506	87LH84	EE	4	Type 2501F Connector to Stripped and Tinned Ends; Shielded Coiled Cord.	2.22
47 C 1532	05LP05	DD/DD	12	Straight Phone Plug at Each End. Shielded Coiled Cord.	4.95
47 C 1535	05LT05	DD/DD	20		6.93
47 C 1533	05LP15	DD/CC	12	Straight Phone Plug to Right Angle Phone Plug; Shielded Coiled Cord	4.95
47 C 1536	05LT15	DD/CC	20		6.93
47 C 1534	05LP87	DD/EE	12	Straight Phone Plug to Type 2501F Connector; Shielded Coiled Cord.	5.04
47 C 1537	05LT87	DD/EE	20		7.02

SWITCHCRAFT® INC. Plugs and Jacks





"LITTEL-JAX" PHONE JACKS

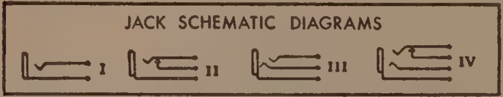
A Take standard ¼" phone plugs, except S-11, which takes S250, S280 and 385 plugs, and C-12B which takes 480 Military-type. "Littel-Plug" ¾" dia., 1 9/32" overall, with a ⅜" dia. threaded shank, 9/32" long. L-11 and L-12A have bushing ⅜" long. SCC indicates single closed circuit: OC indicates open circuit. Av. shpg. wt., 3 oz.

Stock No.	Type	Diag.	Cond.	Circuit	JAN Type	EACH
47 C 4955	11	I	2	OC	....	.27
47 C 4957	C-11	I	2	OC	JJ-034	.39
47 C 4959	L-11	I	2	OC	....	.33
47 C 4961	S-11	I	2	OC	....	.30
47 C 4963	12A	II	2	SCC	....	.30
47 C 4965	C-12A	II	2	SCC	JJ-089	.48
47 C 4967	L-12A	II	2	SCC	....	.36
47 C 4969	12B	III	3	OC	....	.36
47 C 4971	C-12B	III	3	OC	JJ-033	.48
47 C 4973	13B	IV	3	SCC	....	.51

"TINI-JAX" SUBMINIATURE PHONE JACKS

B Extra-small 2-conductor jacks for "Tini-Plugs". 21/32" long; fit ¼" hole. OC, open circuit; CC, closed circuit. Av. shpg. wt., 2 oz.

Stock No.	Type	Diag.	Cond.	Circuit	EACH
47 C 4983	41	I	2	OC	.27
47 C 4985	42A	II	2	CC	.30


JACK SCHEMATIC DIAGRAMS

C **Type 125 "Tini-Extension Jax."** Two-conductor; solder lug terminals. Mates with "Tini-Plugs," below. Wt., 2 oz.
47 C 1472. .... **Each .81**

"TINI-PLUGS" SUBMINIATURE PHONE PLUGS

For use with "Tini-Jax". 1⅝" overall length. 2-conductor. Wt., 2 oz.

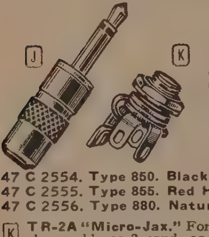
Stock No.	Type	Fig.	Term.	Handle	EACH
47 C 1518	740	D	Screw	Black	.51
47 C 1519	745	D	Screw	Red	.51
47 C 1520	750	D	Solder	Black	.48
47 C 1521	755	D	Solder	Red	.48
47 C 1522	770	E	Screw	Shielded	.69
47 C 1523	780	E	Solder	Shielded	.66

"EXTENSION JAX" CABLE EXTENSION JACKS

Fit standard ¼" plugs. 11/16" O.D.; 2 5/32" long. 121 and 131 ½" O.D.; 2½" long. All are open circuit type. Shpg. wt., 3 oz.

Stock No.	Type	Fig.	Cond.	Term.	Handle	EACH
47 C 1473	121	F	2	Solder	Shielded	1.08
47 C 1474	131	F	3	Solder	Shielded	1.35
47 C 1571	80	G	2	Screw	Black	.75
47 C 1718	88	G	2	Solder	Black	.66
47 C 2971	830	G	3	Screw	Black	1.02
47 C 1572	120	H	2	Screw	Shielded	1.02
47 C 1717	1230	H	3	Screw	Shielded	1.32

ULTRAMINIATURE PLUGS AND JACK

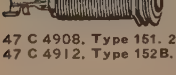


J **TR Series "Micro-Plugs."** Handy ultraminiature plugs and jack featuring same uniformity, dependability and quality construction as famous "Littel-Plugs" and "Tini-Plugs." Extremely small, only 1 1/64" long; ¼" O.D.—⅓ the size of standard plugs! Have nylon insulation between tip and sleeve circuits; sleeve terminal is tinned brass. Tip and sleeve are nickel-plated machined brass. All have sleeve circuit cable clamp; accommodate cables to 1/64" dia. With screw-on anodized aluminum handle. Shpg. wt. 2 oz.

47 C 2554. Type 850. Black Handle .... **Each .45**
47 C 2555. Type 855. Red Handle .... **Each .45**
47 C 2556. Type 880. Natural Handle .... **Each .45**

K **TR-2A "Micro-Jax."** For "Micro-Plugs." 2 cond. sgl. closed circuit; also usable as 2 cond. open circuit. Requires .190" mounting hole. Fits panels up to 3/32" thick. Shpg. wt., 2 oz.
47 C 4995 .... **Each .30**

THICK-PANEL PHONE JACKS



Have extra long bushings for use in panels up to 1¼" thick. Ideal for wall paneling, hi-fi installations, etc. Shielded for microphone use. Require ½" mounting hole. Wt., 2 oz.

47 C 4908. Type 151. 2 Conductor .... **Each .90**
47 C 4912. Type 152B. 3 Conductor .... **Each .99**

"LITTEL-PLUG" PHONE PLUGS

Small-size phone plugs; fit standard ¼" phone jacks, except T S250 and S280. .206" sleeve for S-11 "Littel Jax" and for Bell & Ho equipment; Type R280 which has short sleeve for Revere recor Plugs with solder terminals feature built-in cable clamp; others do include cable clamp. Metal (shielded) handles are nickel-plated b for use in microphone or other input leads as well as outputs requ continuous shield. All handles are 1 11/16" long and ½" in diameter. shpg. wt., 4 oz.

Stock No.	Type	Fig.	Cond.	Color	Terminals	EA
47 C 1553	240	L	2	Black	Screw	.5
47 C 1554	245	L	2	Red	Screw	.5
47 C 1611	250	L	2	Black	Solder	.4
47 C 1614	S250	L	2	Black	Solder	.5
47 C 1612	255	L	2	Red	Solder	.4
47 C 1555	260	L	3	Black	Screw	.8
47 C 1616	267	L	3	Black	Solder	.7
47 C 1573	270	M	2	Metal	Screw	.7
47 C 1613	280	M	2	Metal	Solder	.6
47 C 1556	R280	M	2	Metal	Solder	.9
47 C 1719	S280	M	2	Metal	Solder	.6
47 C 2967	290	M	3	Metal	Screw	.9
47 C 1617	297	M	3	Metal	Solder	.9

STANDARD PHONE PLUGS

Standard-size ¼". 2-and 3-conductor type phone plugs to fit all stan jacks. Metal (shielded), red or black molded bakelite handles; 2 1/16" l ¾" diameter, except *1" long. Type 170 is similar to 70, but has 2-p handle with cable clamp for ¼" cable. No. 190A is similar to 90, but same handle as 170. Metal (shielded) handle types are for use in mi phone or input cables and wherever continuous shielding is requ Av. shpg. wt., 5 oz.

Stock No.	Type	Fig.	Cond.	Color	Terminals	EA
47 C 1557	40	L	2	Black	Screw	.5
47 C 1447	45	L	2	Red	Screw	.5
47 C 1558	60	L	3	Black	Solder	.6
47 C 1559	70	M	2	Metal	Screw	.8
47 C 1562	170	N	2	Metal	Screw	1.
47 C 1563	190A	N	3	Metal	Solder	1.3
47 C 1560	90*	R	3	Metal	Solder	.9
47 C 1561	160*	R	2	Metal	Screw	.6

"LUG-PLUG" PHONE PLUGS

Low-cost two-conductor, phone plugs. All fit ¼" jacks. Have sc terminals. Exterior parts bright nickel plated. Black handle is 1⅝" l ½" diameter. Type 380 has shielded, bare metal handle 1" long, diameter. Av. shpg. wt. 4 oz.

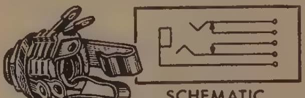
Stock No.	Type	Figure	Color	EAC
47 C 1564	350	L	Black	.39
47 C 1566	380	P	Metal	.51

FLAT PHONE PLUGS

¼" phone plugs featuring flat, space-saving handles. Ideal for app tions where conventional plugs would protrude too far and inte with operation of equipment, prevent installation in tight quarters, Fig. T units have easily removable plastic handle; Fig. S units l shielded steel handle, bright nickel plated. Types 220 and 225 accept standard phone tips. Type S230 is commercial version of Mili Type PJ-068 plug; has .206" diameter sleeve and tip. Terminals body are mechanically interlocked. Av. shpg. wt. 4 oz.

Stock No.	Type	Fig.	Cond.	Color	Terminals	EA
47 C 2969	238	S	3	Metal	Solder	.
47 C 2968	228	S	2	Metal	Solder	.
47 C 1621	220	T	2	Black	Screw	.
47 C 1567	225	T	2	Red	Screw	.
47 C 1502	227	T	2	Black	Solder	.
47 C 1568	230	T	3	Black	Screw	.
47 C 1569	235	T	3	Red	Screw	.
47 C 1503	237	T	3	Black	Solder	.
47 C 2970	S230	T	3	Black	Solder	1.

STEREO "LITTEL-JAX"


SCHEMATIC

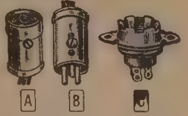
Three-conductor for switching-out sp ers when connec stereo headphones for switching three- stereo input circ Mates with Switchcraft ¼" "Littel-Plugs" such as 260, 267, 269 297. Insulation XXP phenolic. Spring-tempered nickel-silver a Integral contacts standard in the separate switching circuits. Ni plated brass bushing mounts in ⅜" dia. hole. Length behind pane With locknut and washer. Shpg. wt., 3 oz.
47 C 4924. Type 14B .... **Each**

Connectors, Jacks and Plugs

AMPHENOL CONNECTORS

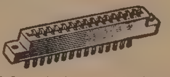
SERIES 78 AND 91 MINIATURE CABLE CONNECTORS

ompact connectors for shielded or unshield-d cables. Polarized contacts prevent incor-ect insertion. For cables up to ¼″ dia. Last etter in Type No. indicates: L, long (1³⁄₁₆″); , short (¹³⁄₁₆″). Last fig. in Type No. denotes o. of contacts. PCG—chassis type. Figs. A nd C are female types; Fig. B, male type. v. shpg. wt., 2 oz.



tock No.	Type	Fig.	EA.	Stock No.	Type	Fig.	EA.
7 C 0320	91-MPF3L	A	.47	47 C 0574	91-MPM4S	B	.39
7 C 0571	91-MPF3S	A	.41	47 C 0570	91-MPM5L	B	.44
7 C 0321	91-MPF4L	A	.49	47 C 0328	91-MPM6L	B	.47
7 C 0572	91-MPF4S	A	.46	47 C 0330	78-PCG3	C	.31
7 C 0325	91-MPM3L	B	.42	47 C 0331	78-PCG4	C	.35
7 C 0573	91-MPM3S	B	.37	47 C 0332	78-PCG5	C	.39
7 C 0326	91-MPM4L	B	.43	47 C 0333	78-PCG6	C	.40

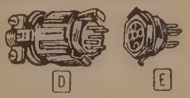
SERIES 143 PRINTED-CIRCUIT RECEPTACLES



or PC networks. Mate with standard .055″ o .073″ PC board. "Circle Lip" contact en-rance ensures firm contact with varying hicknesses of board; will not set. Diallyl hthalate dielectric; nontarnishing gold-lated contacts. Contacts on .156″ centers. aximum card insertion length is 1.097″ for 143-006; 3.597″ for 143-022. verage breakdown voltage: 5400 volts DC at sea level; 1150 volts DC t 60,000 feet. All are rated at 5 amps. *Polarizing key. Av. wt., 3 oz.

Stock No.	Type 143-	Con-tacts	EACH	Stock No.	Type 143-	Con-tacts	EACH
7 C 1090	006-01	6	1.04	47 C 0501	018-01	18	1.44
7 C 0503	010 01	10	1.16	47 C 0502	022-01	22	1.68
7 C 2675	012-01	12	1.21	47 C 2676	953	*	.02
7 C 0500	015-01	15	1.25	....	....	..	...

MINIATURE RACK PANEL AND CABLE CONNECTORS



Molded of diallyl phthalate dielectric ma erial. Solder contacts gold finished over ilver plating. Fig. E is hex nut type with hreaded body for direct mounting to anel. Has locking clip for mating with ig. D, hood and cable-clamp type. Fig. is two-piece for easy wiring, has cable lamp for strain relief of soldered connections. Locking ring engages ocking clip on mating unit. Both Fig. D and Fig. E available with either ocket or pin contacts. Voltage breakdown, 2000 volts rms 60 Hz at sea evel. Current rating, 7.5 amps. Diameter of locking clip type, ⅝″; ood and clamp type, ¾″. Length of cable-clamp type 1¹⁵⁄₆₄″. *Female ersion of Fig. D; †male version of Fig. E. 5 oz.

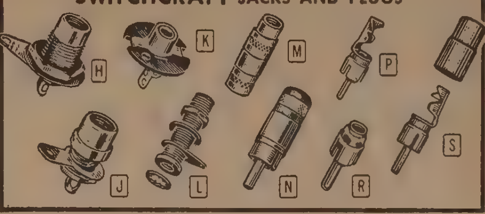
MALE CONNECTORS

Stock No.	Mfr's Type	Con-tacts	Fig.	EA.	Stock No.	Mfr's Type	Con-tacts	Fig.	EA.
7 C 0644	126 217	5	D	1.40	47 C 0638	126-216	5	†	.67
7 C 0646	126 195	7	D	1.54	47 C 0640	126-197	7	†	.80
7 C 0648	126-220	9	D	1.66	47 C 0642	126-219	9	†	.92

FEMALE CONNECTORS

Stock No.	Mfr's Type	Con-tacts	Fig.	EA.	Stock No.	Mfr's Type	Con-tacts	Fig.	EA.
7 C 0645	126-223	5	*	1.81	47 C 0639	126-218	5	E	1.08
7 C 0647	126-196	7	*	2.09	47 C 0641	126-198	7	E	1.35
7 C 0649	126-222	9	*	2.39	47 C 0643	126-221	9	E	1.66

SWITCHCRAFT JACKS AND PLUGS

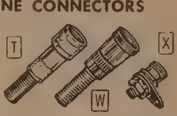


Easy-to-install phonograph jacks, phono pin plugs, and extensions. 3 oz.

Stock No.	Mfr's Type	Fig.	Description	EACH
47 C 4900	3501FR	H	Jack, rear-panel mtg. ⁷⁄₁₆″ mtg. hole	.27
47 C 4902	3501FP	J	Jack, front-panel mtg. ¼″ dia.	.21
47 C 1574	3501F	K	Standard 2-cond. audio jack	.09
47 C 4904	371	L	Adapter to mount 3501FP in panels up to 1½″ thick	.75
47 C 1778	3503	M	Extension jack, shielded. Removable ¹³⁄₁₆″ O.D. shell w/cable clamp	.39
47 C 1762	3502	N	Plug, shielded. ¹³⁄₃₂″ O.D. easy-grip handle	.30
47 C 1763	3501MC	P	Plug, unshielded, ⅜″ O.D. shell, cable clamp	.09
47 C 1599	3501M	R	Plug for 3501F, 3501FP, 3501FR, 3503	.06
47 C 1575	3508-1	S	Phono plug, red handle	.15
47 C 1576	3508-2	S	Phono plug, black handle	.15
47 C 1577	3508-5	S	Phono plug, white handle	.15

MINI-CON MINIATURE MICROPHONE CONNECTORS

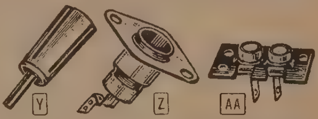
About one-half size of standard mike connectors. For use with single-conductor shielded cables to ³⁄₁₆″ O.D. Nickel-plated brass bodies. Coupling ring on 5501F removable for quick change of female to male type. Cable-braid spring clamped to body by hollow set screw. 5501MP mounts in ³⁄₁₆″ hole. Av. shpg. wt., 2 oz.



Stock No.	Type	Fig.	Desc.	EACH
47 C 4920	5501F	T	Female	.39
47 C 4925	5501M	W	Male	.30
47 C 4927	5501MP	X	Male	.24

H. H. SMITH MOTOROLA AND RCA-TYPE PLUGS, JACKS

Fig. Y. Antenna lead-in plug to connect auto antenna lead-in to radio. Pin. dia. ⅛″. **Fig. Z.** Jack to mate with Fig. Y plug. ¹⁵⁄₁₆″ mtg. ctrs. **Fig. AA.** Jacks to mate RCA-type phono plugs. 1½x1″. 1 oz.

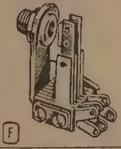


Stock No.	Mfr's. Type	Fig.	Description	PER PKG. OF 5 EACH	2-9
47 C 1135	1200	Y	Motorola-Type Plug	.53	.50
47 C 1137	1207	Z	Motorola Type Jack	.90	.80
47 C 1138	1214	AA	Double Phono Jack	.50	.45

MALLORY PHONE JACKS

JUNIOR PHONE JACKS

F Compact jacks for standard ¼″ phone plugs. Require only 1⁵⁄₁₆″ behind panel. Cadmium-plated frames; nickel-plated brass shank, springs, mtg. hardware. ⅜″ dia. threaded shank for panels ¼″ thick. Silver contacts. *Conductors in mating plug. Wt., 3 oz.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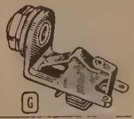

G

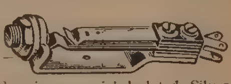
Stock No.	Mfr's Type	*Cond.	Circuit	Diagram	EACH 1-9	EACH 10-49
7 C 1054	701	2	Open	I	.45	.40
7 C 1751	702A	2	Closed	II	.57	.51
7 C 1058	702B	3	Open	III	.57	.51
7 C 1059	703B	3	Closed-Transfer 1	IV	.60	.54
7 C 1060	704B	3	Closed-Transfer 2	V	.69	.62

MIDGET AND INFANT PHONE JACKS

G Extremely small "Midget" and "Infant" type jacks for limited-space applications. All take ¼″ phone plugs. "Midget" type jacks require only 1⁹⁄₃₂″ mounting space behind panel; "Infant" type requires only ⅞″ behind panel. Cadmium-plated steel frames with nickel-plated brass shank, springs, and mounting hardware. ⅜″ threaded shank for mounting in panels up to ¼″ thick. *Conductors in mating plug. All are "Midget" type except A-1 "Infant" type jack (not illustrated). Av. shpg. wt., 2 oz.

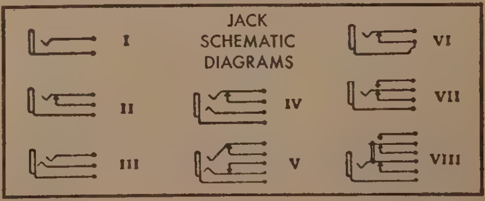
Stock No.	Mfr's Type	*Cond.	Circuit	Diagram	EACH 1-9	EACH 10-49
7 C 1050	A-1	2	Open	I	.33	.30
7 C 1051	A-2	2	Shorting	VI	.48	.43
7 C 1053	A-2A	2	Closed	II	.57	.51
7 C 1056	A-3A	2	Closed-Transfer 1	VII	.66	.59

LONG-FRAME PHONE JACKS



Industrial-type jacks are ideal for headphones, microphone cord and plug connections, etc. Take standard ¼″ phone plugs. Mount in ⁷⁄₁₆″ dia. hole in panels up to ¼″ thick by means of a ⅜″ threaded shank. Cadmium-plated frames; bushings and springs are nickel plated. Silver contacts for low contact resistance. Size, 3⅛x1⅛x⁹⁄₁₆″ wide. *Indicates number of conductors in mating plug. Av. shpg. wt., 4 oz.

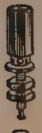
Stock No.	Mfr's Type	*Cond.	Circuit	Diagram	EACH 1-9	EACH 10-49
47 C 1745	1	2	Open	I	.45	.40
47 C 1746	2	2	Shorting	VI	.57	.51
47 C 1747	2A	2	Closed	II	.57	.51
47 C 1055	5	2	Closed & Transfer	VIII	.90	.81



Binding Posts, Plugs and Jacks

H. H. SMITH

5-WAY AND MULTI-PURPOSE BINDING POSTS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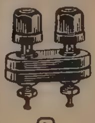
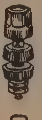

B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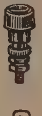
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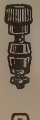
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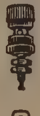
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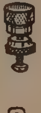

G

A **Type 208.** Five-way metal binding post. Accepts banana plug, phone tip, spade lug, alligator clip or wire strand. Mounts in .171″ hole in panels from 1/16″ to 3/8″ thick. Body: brass, nickel-plated. Head: captive, hex brass nickel-plated. Has wrap-around solder stud. With 2 mounting nuts. Shpg. wt., 3 oz.
47 C 1327.. **Each .33**

B **Type 224 BB.** Dual 5-way binding post assembly with black, insulated fluted heads. Accepts single or dual banana plugs. Mounts in two 1/2″ holes on 3/4″ mounting centers in panels up to 1/4″ thick. Has solder stud. 3/4x1 1/2″ base. Body: brass, nickel-plated. With 4 mtg. nuts. Wt., 4 oz.
47 C 1328.. **Each .54**

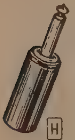
B **Type 269BB.** Similar to Type 224, above, but has black hex-grip insulated heads. Shpg. wt. 4 oz.
47 C 1329.. **Each .70**
47 C 1324. Type 269 RB. Above, but one black, one red head **Each .70**

Multi-Purpose Posts. Rated 2000 V, 30 amps. Captive heads. Length shown is total closed. For panels 1/16-1/4″ thick. *Locking edge. †Banana-plug jack in head; also accepts phone tip, lug, etc. ‡Grounding types. §Take solder connection to stud. Av. shpg. wt., 2 oz.

Stock No.	Type	Fig.	Mounting	Length	Color	EACH
47 C 1368	257*†§	C	1/2″	1 43/64″	Red	.40
47 C 1367	257*†§	C	1/2″	1 43/64″	Black	.40
47 C 1330	220†‡	D	11/64″	1 1/4″	Red	.22
47 C 1335	220†‡	D	11/64″	1 1/4″	Black	.22
47 C 1388	260*†	E	5/16″	1 11/16″	Red	.40
47 C 1389	260*†	E	5/16″	1 11/16″	Black	.40
47 C 1394	377‡§	F	11/64″	1 3/8″	Red	.35
47 C 1395	377‡§	F	11/64″	1 3/8″	Black	.35
47 C 1397	378§	F	23/64″	1 3/8″	Red	.35
47 C 1398	378§	F	23/64″	1 3/8″	Black	.35

G **Type 110.** Brass, for heavy-duty use. 2 1/32″ long. 3/16″ mounting hole. Rated at 50 amps, 60 Hz AC. Shpg. wt., 2 oz.
47 C 1371.. **Each .24**

STANDARD 1/4″ PHONE PLUGS AND JACK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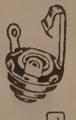
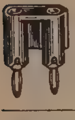

J

2-conductor phone plugs and jack. Plugs have screw-type terminals and are available with either red or black break-resistant Tenite plastic handles; all metal parts, except screws, have nickel plating. Terminals, insulation, plus body and tip rod are mechanically interlocked to prevent turning. Overall length, 2 7/8″. Open circuit, 2-conductor jack has 3/8″ diameter threaded shank 9/32″ long; requires only 1″ behind panel. Interlocked for dependable operation. Av. shpg. wt., 3 oz.

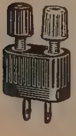
Stock No.	Type	Fig.	Description	EACH
47 C 1017	222	H	Standard Phone Plug (**black**)	.46
47 C 1018	222	H	Standard Phone Plug (**red**)	.46
47 C 1019	275	J	Standard Phone Jack	.24

DOUBLE PLUG



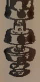
Type 210. Dual plug for standard banana jacks. Molded as a unit on 3/4″ centers. Jacks in top permit use of units in tandem. Body: molded polystyrene, per Fed. Spec. L-P416, Type I. Brass plug, nickel plated. Accepts phone tips or wire up to #12, held with internal set screw. Polarity indicated on top and side. Has 15-ampere rating. Body size, 1 5/16x1 3/4″. Shpg. wt., 3 oz.
47 C 1792 .... **Each .72**

SUPERIOR AC 5-WAY BINDING POST



Type DAP15BWC Dual-Adapter Binding Post. Facilitates line voltage connections from AC output receptacles to binding posts. Has integral parallel-blade plug. Rated at 15 amps, 125 volts. Brass parts are gold-plated. Accepts spade lugs, banana plugs, clip leads, up to No. 12 wire through .098″ dia. holes, or wire wrapped around shafts. Has black body with 1 white and 1 black thumbnut. Shpg. wt., 3 oz.
47 C 1041..**1-9**....**Each 1.80**   **10-99**....**Each 1.35**

SUPERIOR HEX-NUT TYPE BINDING POSTS

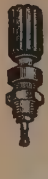


Exceptionally versatile posts take spade lugs, banana plugs, clip leads, up to No. 12 wire through center hole, or looped and clamped around shaft. All have gold-plated brass current-carrying parts and durable nylon plastic insulator and captive nut except type GP30NC, which is nickel-plated grounding-type binding post. All rated 30 amps at 1000 volts. Mount in 1/2″ holes in panels 1/16″ to 1/4″ thick. Size, 2 3/64x1/2″ diameter. With hexagonal thumbnut. Shpg. wt., 2 oz.

Stock No.	Type	Color	Stock No.	Type	Color
47 C 1172	DF30YC	Yellow	47 B 1178	DF30RC	Red
47 C 1173	DF30GNC	Green	47 B 1198	DF30BLC	Blue
47 C 1174	DF30WTC	White	47 B 1000	GP30NC	Nickel
47 C 1177	DF30BC	Black			

Your Choice.. **Each .45**

E. F. JOHNSON

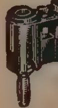


Six-Way Molded Binding Posts. Silver-plated brass shan
Insulation resistance over 200 megohms. Rated at 15 amps; brea
down, 8000 VDC. Size, 1 5/16x7/16″ diameter with 5/16″-32 nut
mounting in 21/64″ diameter hole. Available in white, red, blac
green, blue, and yellow. Shpg. wt., 1/2 oz.

Stock No.	Type	Color	Stock No.	Type	Colo
47 C 6323	111-101	White	47 C 6333	111-104	Green
47 C 6329	111-102	Red	47 C 6290	111-110	Blue
47 C 6332	111-103	Black	47 C 6335	111-107	Yello

Your Choice.. **Each .**

111-20 Mounting Plate. Etched aluminum. For mtg. 2 nyl
binding posts or banana jacks on 3/4″ ctrs. 1 1/4x1/2″. 2 oz.
47 C 6336.. **Each .**

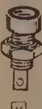


Solderless Dual Banana Plugs. Molded body has p
larity indication and strain relief hole for wire lea
Shock-resistant insulating body retains strength and lo
loss over wide range of temperature and humidity. Pl
springs are nickel-silver. Body is nickel-plated, machin
brass. Brass studs. Pins have 3/4″ spacing. Rated 15 am
breakdown, 10,000 VDC. Plug-to-plug capacity, 1.3 p
Overall length, 1 19/32″. Shpg. wt., 2 oz.

Stock No.	Type	Color	Stock No.	Type	Colo
47 C 6337	108-201	White	47 C 6344	108-204	Green
47 C 6338	108-202	Red	47 C 6291	108-210	Blue
47 C 6339	108-203	Black	47 C 6347	108-207	Yello

Your Choice.. **Each .**

BANANA JACKS AND PLUGS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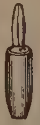
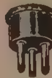

L

Series 108. Low-loss body. Capacity to 1/16″ me
panel, 2.4 pF. Breakdown test 10,000 VDC. Jac
(fig. K) have cadmium-plated insert. Supplied wi
5/16″-32 nut for mtg. jack in 21/64″ dia. hole. Plugs (f
L) have one-piece nickel plated brass body and p
with nickel silver springs. Solderless connection tak
up to No. 16 stranded wire. Insulating sleeve
plug. 6 colors. Overall lengths: jack, 15/16″; plug, 1 3/
Av. shpg. wt., 2 oz.

Color	Stock No.	Type	Fig.	EA.	Stock No.	Type	Fig.	E
White	47 C 6371	108-901	K	.10	47 C 6379	108-301	L	.1
Red	47 C 6372	108-902	K	.10	47 C 6380	108-302	L	.1
Black	47 C 6373	108-903	K	.10	47 C 6381	108-303	L	.1
Green	47 C 6374	108-904	K	.10	47 C 6382	108-304	L	.1
Blue	47 C 6297	108-910	K	.10	47 C 6298	108-310	L	.1
Yellow	47 C 6377	108-907	K	.10	47 C 6384	108-307	L	.1

AMPHENOL MINIATURE AND STANDARD PLUGS

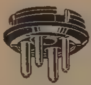
TYPE 71 MINIATURE HIGH-DIELECTRIC PLUGS



Compact, efficient, high-dielectric plugs. Excellent for tra
mitters, receivers, intercoms and speaker connections. Secu
ly anchored, nickel-plated brass prongs; deeply recessed
prevent shorts caused by pulled back insulation. Easily so
ered. For cables with up to six conductors. Contacts
polarized to assure proper connections. Fit Amphenol 78-S
78-S4S, 78-S5S, 78-S6S retainer-ring type miniature sockets listed
page 371. Rated 5 amps @ 500V. Shpg. wt., 2 oz.

Stock No.	Mfr's Type	Prongs	EA.	Stock No.	Mfr's Type	Prongs	EA
47 C 0177	71-3S	3	.11	47 C 0149	71-5S	5	.15
47 C 0169	71-4S	4	.14	47 C 0179	71-6S	6	.17

TYPE CP STANDARD BAKELITE PLUGS

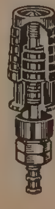


Bakelite plugs for chassis connectors with plug-in uni
Use adapter plate below for replacement mounting. r
voltage ratings: 86-CP4. 2000 V; CP-11 and CP-12, 5
V; all others, 1250 V. With mounting ring for 1 11/64″ ho
except *1 21/64″ keyed hole. †Have guide post and aligni
key. CP7L has large pins; CP7S has small. Fit Amphen
MIP standard tube sockets, page 371. Av. wt., 2 oz.

Stock No.	Mfr's Type	Pins	EA.	Stock No.	Mfr's Type	Pins	E
47 C 0015	86-CP4	4	.23	47 C 0020	86-CP8†	Oct.	.2
47 C 0016	86-CP5	5	.23	47 C 0021	86-CP9†	9	.2
47 C 0017	86-CP6	6	.25	47 C 0022	86-CP11†	11	.2
47 C 0019	86-CP7S	7	.26	47 C 2654	86-CP12†	12	.2

Type 12-001-03 Adapter Plate. Nickel-plated steel. For use with
CP plugs above except 86-CP7L. 1 1/2″ to 1 7/8″ mtg. centers. 2 oz.
47 C 0023.. **Each .**

ACI UNIVERSAL "ADLOC" BINDING POS



- "Push" for Quick Positive Lock and Disconnect
- Secure Connections Are Made from the Top

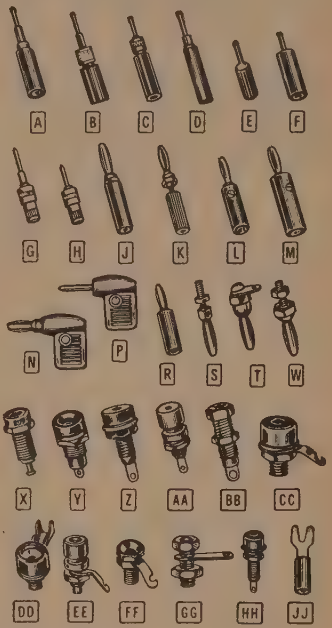
Push down on top, insert wire (up to 12 gauge), relea
and positive contact is made instantly. To disconne
just push again. Can take several wires at same time. Al
accepts spade lugs, plugs, clamps and prods. Brass nick
plated post, nylon plastic insulator. Rated 30 amps
1000 V rms. Mounts in .314″ hole in panels 1/32″ to 1/
Size, 2 3/32x5/8″. Wt., 3 oz.
24 C 9025. Type AL2000B. Black.......... **Each .**
24 C 9026. Type AL2000R. Red............ **Each .**

Plugs, Jacks, Sockets and Connectors

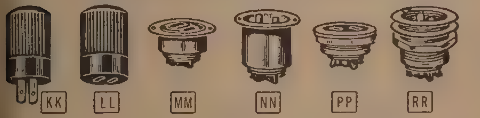
H. H. SMITH TOP-QUALITY PLUGS AND JACKS

Stock No.	Type	Fig.	Connector	Color	Length	EACH	Lots of 10
4 C 9100	229	A	Insulated heavy-duty phone tip plug	Red	2⅛"	17	1.50
4 C 9101	229	A	Insulated heavy-duty phone tip plug	Black	2⅛"	.17	1.50
4 C 9103	200	B	"Senior" solderless insulated phone tip plug	Red	2⅛"	.17	1.50
4 C 9104	200	B	"Senior" solderless insulated phone tip plug	Black	2⅛"	.17	1.50
4 C 9106	201	C	"Junior" solderless insulated phone tip plug	Red	1²⁹⁄₃₂"	.17	1.50
4 C 9107	201	C	"Junior" solderless insulated phone tip plug	Black	1²⁹⁄₃₂"	.17	1.50
4 C 9109	270	D	Subminiature insulated phone tip plug	Red	1²³⁄₃₂"	.20	1.80
4 C 9110	270	D	Subminiature insulated phone tip plug	Black	1²³⁄₃₂"	.20	1.80
4 C 9111	237	E	Hollow insulated phone tip plug	Red	1⅛"	.13	1.10
4 C 9112	237	E	Hollow insulated phone tip plug	Black	1⅛"	.13	1.10
4 C 9113	203	F	Insulated short phone tip plug	Red	1½"	.14	1.20
4 C 9114	203	F	Insulated short phone tip plug	Black	1½"	.14	1.20
4 C 9116	105	G	Non-insulated "Senior" phone tip plug	.....	1²¹⁄₃₂"	.13	1.10
4 C 9117	106	H	Non-insulated "Junior" phone tip plug	.....	1³⁄₁₆"	.13	1.10
4 C 9122	212	J	Insulated spring-tip banana plug	Red	1¹³⁄₁₆"	.24	2.30
4 C 9123	212	J	Insulated spring-tip banana plug	Black	1¹³⁄₁₆"	.24	2.30
4 C 9127	236	K	Insulated spring tip banana plug	Red	1¹⁵⁄₁₆"	.37	3.50
4 C 9128	236	K	Insulated spring tip banana plug	Black	1¹⁵⁄₁₆"	.37	3.50
4 C 9129	204	L	Insulated spring tip banana plug	Red	1⅝"	.21	1.90
4 C 9130	204	L	Insulated spring tip banana plug	Black	1⅝"	.21	1.90
4 C 9134	213	M	Insulated split tip banana plug	Red	1⁹⁄₁₆"	.20	1.80
4 C 9136	213	M	Insulated split tip banana plug	Black	1⁹⁄₁₆"	.20	1.80
4 C 9138	211	R	Insulated spring tip banana plug	Red	1⅝"	.21	1.90
4 C 9056	211	R	Insulated spring tip banana plug	Black	1⅝"	.21	1.90
4 C 9118	255	N	Right-angle banana-type meter plug	Red	1³⁄₃₂"	.39	3.60
4 C 9119	255	N	Right-angle banana-type meter plug	Black	1³⁄₃₂"	.39	3.60
4 C 9120	235	P	Right-angle meter tip plug	Red	½"	.29	2.70
4 C 9121	235	P	Right-angle meter tip plug	Black	½"	.29	2.70
4 C 9145	103	S	Non-insulated spring-tip banana plug	.....	1⁹⁄₃₂"	.22	2.00
4 C 9146	100	T	Non-insulated spring-tip banana plug	.....	2⁹⁄₃₂"	.22	2.00
4 C 9147	102	W	Non-insulated spring-tip banana plug	.....	1¾"	.22	2.00
4 C 9150	1505	X	Miniature nylon tip jack	Red	⁵⁄₁₆"	.23	2.10
4 C 9151	1505	X	Miniature nylon tip jack	Black	⁵⁄₁₆"	.23	2.10
4 C 9155	240	Y	Insulated nylon tip jack	Red	1¹⁄₃₂"	.20	1.80
4 C 9156	240	Y	Insulated nylon tip jack	Black	1¹⁄₃₂"	.20	1.80
4 C 9160	202	Z	Insulated nickel-plated brass tip jack	Red	1"	.16	1.40
4 C 9161	202	Z	Insulated nickel-plated brass tip jack	Black	1"	.16	1.40
4 C 9163	241	AA	Insulated nylon tip jack	Red	....	.26	2.50
4 C 9164	241	AA	Insulated nylon tip jack	Black	....	.26	2.50
4 C 9168	107	BB	Non-insulated tip jack	.....	....	.13	1.20
4 C 9169	205	CC	Non-insulated banana jack	Red	⁴³⁄₆₄"	.16	1.40
4 C 9170	205	CC	Non-insulated banana jack	Black	⁴³⁄₆₄"	.16	1.40
4 C 9174	219	DD	Insulated banana jack	Red	....	.18	1.60
4 C 9175	219	DD	Insulated banana jack	Black	....	.18	1.60
4 C 9179	221	EE	Insulated banana jack	Red	....	.25	2.40
4 C 9180	221	EE	Insulated banana jack	Black	....	.25	2.40
4 C 9185	101	FF	Non-insulated banana jack	.....	....	.13	1.20
4 C 9186	109	GG	Non-insulated banana jack	.....	....	.13	1.20
4 C 9187	206	HH	Insulated combination jack	Red	1⁵⁄₃₂"	.19	1.70
4 C 9188	206	HH	Insulated combination jack	Black	1⁵⁄₃₂"	.19	1.70
4 C 9195	218	JJ	Banana plug to spade-lug adapter	Red	1³⁹⁄₆₄"	.13	1.08
4 C 9197	218	JJ	Banana plug to spade-lug adapter	Black	1³⁹⁄₆₄"	.13	1.08

Quality plugs and jacks for a wide range of applications in radio and hi-fi equipment, test instruments, etc. All feature highest-quality construction for long-life reliability. Nickel-plated brass bodies for nigher current applications. Unbreakable plastic handles. Order from table at left. Av. shpg. wt., 2 oz.



ARROW H&H MIDGET CONNECTORS



lidget 2-prong cord connectors and receptacles. Especially suited for pplications where space is at a premium. Types illustrated in Figures J nd K have housings of durable molded bakelite. Others have rust-esistant metal housings and insulation of bakelite. All units are rated at 0 amperes at 250 volts. A 1" diameter hole is required for all receptacles. 'ontact spacing is ¹³⁄₃₂". Receptacle terminals are exposed. All units take hreaded covers. Types 80326 and 80328 are furnished with plate for crews. Types 80327 and 80329 are furnished with plate and lock ring. .v. shpg. wt., 3 oz.

Stock No.	Mfr's Type	Fig.	Description	EACH
47 C 2191	80324	KK	Male cable connector	.86
47 C 2192	80325	LL	Female cable connector	.86
47 C 2193	80326	MM	Female flush receptacle	.88
47 C 2194	80328	NN	Male flush receptacle	1.05
47 C 2195	80327	PP	Female flush receptacle	1.34
47 C 2196	80329	RR	Male flush receptacle	1.40

AMPHENOL CABLE CONNECTORS

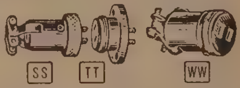
Iatching male and female cable connectors. Take ables up to ⁷⁄₁₆" O.D. Series 78-PF are female connectors; series 86-PM are male. "S" in type number indicates small pins. Size 1³⁄₁₆x1³⁄₃₂". Av. wt., 3 oz.

Stock No.	Mfr's Type	Contacts	EACH	Stock No.	Mfr's Type	Contacts	EACH
7 C 0524	78-PF4	4	.41	47 C 0505	86-PM5	5	.45
7 C 0525	78-PF5	5	.43	47 C 0506	86-PM6	6	.47
7 C 0526	78-PF6	6	.45	47 C 0507	86-PM7S	7S	.57
7 C 0527	78-PF7S	7S	.47	47 C 0508	86-PM8	8	.47
7 C 0528	78-PF8	8	.43	47 C 0512	86-PM9	9	.48
7 C 0516	78-PF9	9	.46	47 C 0513	86-PM11	11	.49
7 C 0517	78-PF11	11	.50	47 C 2655	86-PM12	12	.50
7 C 0504	86-PM4	4	.45	....	....	.....	......

mphenol Cable Clamp. Type 79-CC4. For use with above connec-rs. Relieves strain on soldered connections. Shpg. wt., 5 oz.
7 C 0670 .... **Each .09**

CINCH-JONES SERIES 202 PLUGS AND SOCKETS

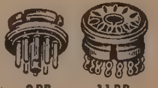
Cadmium-plated brass plugs and sockets. Type P-202-CCT is polarized. Knurled nut. Type S-202-B socket mtg. holes, No. 30 drill on 1" centers. All units have ¾"-27 thread. Type P-202-CCT and S-20-CCT-THR have cable clamp. Av. shpg. wt., 3 oz.



Stock No.	Type	Fig.	Description	EACH
47 C 0980	P-202-CCT	SS	Plug, 2 contact	.98
47 C 0982	S-202-B	TT	Socket, base mounting	1.18
47 C 0981	S-202-CCT-THR	WW	Socket, extension	1.33

PLUGS AND SOCKETS

Type 2R2 Chassis-Mounting AC Socket. Molded, black bakelite AC socket excellent for radio, TV chassis, phono, and similar applications. Rated at 15 amps at 110 volts or 10 amps at 250 volts. Accepts any 2-prong standard electric plug. Solder-lug terminals. Mounts in ²⁵⁄₆₄x²⁵⁄₃₂" hole. Has ⁹⁄₆₄" diameter mounting holes on 1⅛" centers. Size 1½x½". Recognized Under the Component Program of Underwriter's Laboratories, Inc. Shpg. wt., 2 oz.
47 C 0830 .... .20



Type 8PB 8-Contact Plug. For making up to 8 connections between chassis. Molded from high-dielectric black bakelite. Nickel-plated pins have tapered ends for easy insertion. Fits any standard octal socket. Use with 16F shield, below. Shpg. wt. 2 oz.
47 C 0846 .... .21

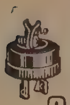
Type 11PB 11-Contact Plug. Same as above, but with 11 contacts. Fits 11RB socket, below. Use with 16F snap-on shield below. Shpg. wt., 2 oz.
47 C 0847 .... .28

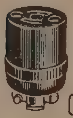
Type 16F Steel Snap-On Shield. (Not illus.) Cadmium-plated steel plug cap. Snaps on 8PB and 11 PB sockets, above. Has screwdriver slot at bottom to facilitate removal. Rubber grommet with ²⁵⁄₆₄" diameter hole protects cable. Shpg. wt., 2 oz.
47 C 0848 .... .67

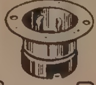
Type 11 RB 11-Contact Socket. Use with 11 PB 11-contact plug above, for making up to 11 contacts between chassis. Molded black bakelite. Mounts on ¹⁄₁₆" thick chassis using retaining ring. Use with 16F shield (above) on extension cables. Wt., 2 oz.
47 C 0849 .... .31

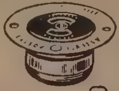
Connectors, Plugs, Sockets and Terminal Strips

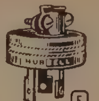
HUBBELL "TWIST-LOCK" CONNECTORS

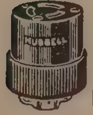


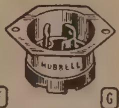


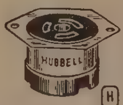












Feature unique "Twist Lock" design for positive lock-fast electrical connections. Units lock with a twist of the cap; you simply plug in, twist and they lock. Connectors never disconnect accidentally regardless of the treatment to which they are subjected. Ensures a maximum of safety and a minimum of time loss. Conform to National Electrical Code Standard. Av. shpg. wt., 3 oz.

MIDGET 2-WIRE NON-POLARIZED TYPES

Type 7428 male cap and Type 7427 female connector are of brown bakelite with metal cable clamps for 5/16 to 1/2″ O.D. cords. Type 7466 male base and Type 7468 female base are of bakelite with brass nickel finish housings. Rated 10 amps at 250 volts or 15 amps at 125 volts.

Stock No.	Mfr's Type	Fig.	Description	EACH	
				1-9	10-49
47 C 1282	7428	A	Male Cap	.48	.42
47 C 1283	7427	B	Female Connector	.88	.77
47 C 1284	7466	C	Male Base	1.04	.92
47 C 1287	7468	D	Female Base	1.25	1.11

MIDGET 3-WIRE POLARIZED TYPES

As above but for 3-conductor cables. Insulation is black bakelite. Clamps accept cords from .281 to .421″ O.D. Polarization prevents wrong connection. Rated 10 amps at 250 V, or 15 amps at 115 V.

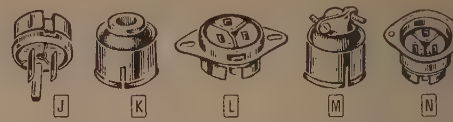
47 C 1288	7485	A	Male Cap	1.14	1.00
47 C 1289	7484	B	Female Connector	1.63	1.44
47 C 1290	7486	C	Male Base	1.45	1.28
47 C 1291	7487	D	Female Base	1.76	1.56

STANDARD AND HEAVY-DUTY 3-WIRE POLARIZED TYPES

Type 7572, 7556 and 7557 have rust-resistant metal housings. Type 7555 is bakelite. Clamps take cords from 19/64″ to 9/16″ O.D. All rated 10 amps at 250 V, 15 amps at 125 V. *Armored, †heavy-duty. Wt., 4 oz.

Stock No.	Mfr's Type	Fig.	Description	EACH	
				1-9	10-49
47 C 1292	7572	E	Male Cap*	1.34	1.19
47 C 1296	7311	E	Male Cap*†	1.93	1.70
47 C 1293	7555	F	Female Conn.	2.13	1.88
47 C 1297	7313	F	Female Conn.†	2.97	2.62
47 C 1294	7556	G	Male Base	1.76	1.56
47 C 1295	7557	H	Female Base	1.95	1.72

AMPHENOL PLUGS AND SOCKETS



SERIES 61 AND 160 STANDARD AND GROUNDING-TY AC PLUGS AND SOCKETS

Series 61 comprises standard two-pole AC plugs and sockets. Serie consists of heavy-duty grounding types that are especially recomme for grounding appliances and power tools. Rated 15 amps at 120 AC-DC, and 10 amps at 220 volts. Plugs and sockets are black phe and ■U.L. Recog., except Types 160-10 and 160-11 which mu grounded after mounting. Av. shpg. wt., 3 oz.

J **Retainer Ring Mounting Types.** For mounting in 1 11/64″ hole in chassis up to 1/8″ thick. 61-M is standard type; 61-F is ur sal type. *Includes prong and third terminal for ground wire. All listed are 2-pole types.

Stock No.	Type	Descrip.	EA.	Stock No.	Type	Descrip.
47 C 0675	61-M	Male	.37	47 C 2522	*160-10	Female
47 C 0677	61-F	Female	.37	47 C 2523	*160-11	Male

L **Mounting Plate Types.** All require 19/32″ mtg. holes and hav slotted holes on 1 1/2″ to 1 7/8″ centers except Type 61-MIP-61F requires 13/16″ mtg. hole and has 5/32″ holes on 1 1/2″ centers. Types 6 and 61-F1 have removable mtg. plates. *With terminal for ground All 2-pole.

47 C 0680	61-M1	Male	.46	47 C 2525	*160-3	Male
47 C 0682	61-F1	Female	.44	47 C 0085	61 MIP-61F	Female
47 C 2524	*160-2	Female	.93			

Type 61-61 Recessed Shell Only. (Not illus.) Converts Type 6 and 160 connectors to recessed types. Fits 17/16″ hole; two 5/32″ screw on 1 3/4″ centers. Lowers connector 13/16″. Wt., 2 oz.

47 C 0086 . . . . **Eac**

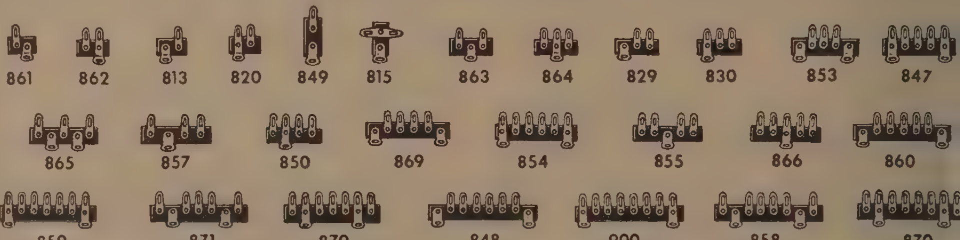
N **Recessed Mounting Types.** For below-surface mounting. Mou 17/16″ hole; have two 5/32″ screw holes on 1 3/4″ ctrs. All are 2 types. *With grounding lug.

Stock No.	Type	Descrip.	EA.	Stock No.	Type	Descrip.
47 C 0685	61-M10	Male	.57	47 C 2526	*160-4	Female
47 C 0687	61-F10	Female	.56	47 C 2527	*160-5	Male

K M **Drawn Steel Plug Caps.** For use with plugs, sockets and nectors indicated. Type 3-13 (Fig. K), has rubber gromme up to 7/16″ cable Type 3-24 (Fig. M), has adjustable clamp for cabl to 3/8″ diameter. Have black japan finish. Shpg. wt., 2 oz.

Stock No.	Type	Fig.	Use with Plugs and Sockets Types
47 C 2537	3-13	K	61, 86-CP, and S(Series 78).
47 C 2538	3-24	M	61, 86-CP, and S(Series 78).

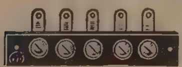
H. H. SMITH LUG-TYPE TERMINAL STRIPS



Dark brown bakelite strips, 1/16″ thick x 3/8″ wide. Solder-coated steel lugs have 3/8″ centers. 9/16″ dia. mtg. holes. Av. wt., 2 oz. **10 per pkg.**

Stock No.	Type	PER PKG.	Stock No.	Type	PER PKG.	Stock No.	Type	PER PKG.	Stock No.	Type	PER P
47 C 4320	861	.22	47 C 4327	864	.30	47 C 4334	850	.40	47 C 4341	871	.55
47 C 4321	862	.24	47 C 4328	829	.28	47 C 4335	869	.51	47 C 4342	879	.65
47 C 4322	813	.25	47 C 4329	830	.30	47 C 4336	854	.55	47 C 4343	848	.67
47 C 4323	820	.25	47 C 4330	853	.45	47 C 4337	855	.35	47 C 4344	900	.65
47 C 4324	849	.30	47 C 4331	847	.55	47 C 4338	866	.40	47 C 4345	858	.70
47 C 4325	815	.32	47 C 4332	865	.45	47 C 4339	860	.60	47 C 4346	870	.72
47 C 4326	863	.30	47 C 4333	857	.40	47 C 4340	859	.60	. . . . . .	. . . . .	. . . . .

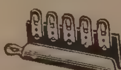
H. H. SMITH SCREW-TYPE TERMINAL STRIPS



Screw-type terminal strips for chassis and breadboarding applications. Have solder-coated brass terminal lugs on 7/16″ centers; .136″ dia. mounting holes. 1/16″ thick bakelite strips; except* 3/32″. Av. wt., 2 oz.

Stock No.	Mfr's Type	Term.	Pkg. of 5	Stock No.	Mfr's Type	Term.	Pkg. of 5
47 C 4079	872	2	.35	47 C 4084	877	7	1.13
47 C 4080	873	3	.53	47 C 4085	928	8	1.20
47 C 4081	874	4	.63	47 C 4086	929	9	1.40
47 C 4082	875	5	.83	47 C 4087	930*	10	1.60
47 C 4083	876	6	.93	. . . . . .	. . . . .	. . . .	. . . .

H. H. SMITH SERIES 3000 TERMINAL ST



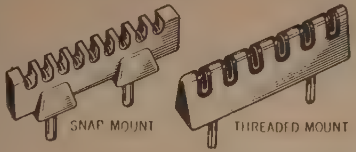
Selection of compact terminal strips, of brass, tin-plated, and spaced on 5/16″ cen Molded bakelite insulation. Mounting bra are made of cadmium-plated steel. Mou holes at each end of bracket. Av. shpg. wt.,

Stock No.	Mfr's Type	Term	Mtg. Ctrs.	Pkg. of 5	Stock No.	Mfr's Type	Term	Mtg. Ctrs.
47 C 1462	3002	2	1″	.30	47 C 1466	3006	6	2 1/4″
47 C 1463	3003	3	1 5/16″	.35	47 C 1468	3008	8	2 7/8″
47 C 1464	3004	4	1 5/8″	.40	47 C 1470	3010	10	3 1/2″
47 C 1465	3005	5	1 15/16″	.45	47 C 1475	3012	12	4 1/8″

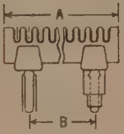
■Recognized Under the Component Program of Underwriter's Laboratories,

Terminal Strips, Board, Terminals, Insulators

ALCOSTRIP CERAMIC TERMINAL STRIPS



·mplify component replacement. ·rmanent bond ·tween metal and ramic, "fired" to ep metal from osening. Especally suitable ·ere components ed to be resol·red and removed ain and again. nned copperplate silvered ceramic. ·ecial high-temperature characteristics allow strips withstand excessive heat. Available in snap or read mounting. Specifications include: Dielectric rength; more than 10 seconds at 1500 VDC beeen terminals. Insulation Resistance; over 1000 egohms at 500 VDC megger. Dip Solder Test; no foliation at 250°C for 5 seconds. Materials; ter·nal strip, steatite; bushing, polypropolene. From ·pan. Manufactured under license by Tektronix. v. shpg. wt., 4 oz.



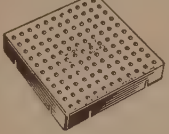
SNAP-MOUNT TYPES

Stock No.	Type No.	No. Term.	Dimensions A	Dimensions B	PER PKG. OF 5 1-4	PER PKG. OF 5 5-19
7 C 6763	MEP NB-3	3	.600″	....	2.40	1.63
7 C 6764	MEP NB 5	5	.885″	.490″	3.30	2.25
7 C 6765	MEP NB-7	7	1.165″	.490″	4.05	2.73
7 C 6766	MEP-NB 9	9	1.445″	.750″	4.35	2.95
7 C 6767	MEP NB 13	13	2.140″	1.500″	5.55	3.78

THREAD MOUNT TYPES

Stock No.	Type No.	No. Term.	Dimensions A	Dimensions B	PER PKG. OF 5 1-4	PER PKG. OF 5 5-19
7 C 6757	MEP-2	2	.650″	....	1.80	1.20
7 C 6758	MEP-4	4	1.161″	.512″	2.25	1.50
7 C 6759	MEP-6	6	1.673″	1.024″	3.00	2.00
7 C 6760	MEP-8	8	2.185″	1.535″	3.75	2.50
7 C 6761	MEP-10	10	2.697″	2.047″	4.35	2.90
7 C 6762	MEP-12	12	3.209″	2.560″	4.95	3.30

ALCO CB-1 CIRCUIT BOARD



rovides an excellent base for various types breadboarding. Designed to accept Alcorip series MEP-NB listed above, which may inserted and removed as desired. Two or ore units may be fastened together to form rger board. Rugged high-impact material. ze, 5x6″. Shpg. wt., 4½ oz.
7 C 6796........................Each .95

CINCH-JONES BARRIER TERMINAL STRIPS

Make a long leakage path and prevent direct shorts caused by frayed wires at the terminals. Base is molded bakelite, with mounting holes at ends. Eyelets and binder screws of nickel-plated brass; terminals of hot tin-finish brass. When used with fanning strips, insure positive contact and firm connections. No. 140 terminal strips have 5-40x3⁄16″ binder head screws, ¼″ metal-to-metal spacing. No. 141 types have 6-32x¼″ binder head screws, ⅜″ metal-to-metal spacing. No. 142 types have 8-32x5⁄16″ binder head screws, 9⁄16″ metal-to-metal spacing. Av. shpg. wt., 5 oz.

Series 140. Metal-to-metal spacing over bakelite ¼″. Base ⅞″ wide x3⁄32″ high. ⅜″ centers.

Stock No.	Type	Term.	EACH	Stock No.	Type	Term.	EACH
47 C 1800	2-140	2	.23	47 C 1804	8-140	8	.61
47 C 1801	3-140	3	.27	47 C 1582	9-140	9	.68
47 C 1803	4-140	4	.33	47 C 1805	10-140	10	.75
47 C 1807	5-140	5	.41	47 C 1583	11-140	11	.81
47 C 1802	6-140	6	.47	47 C 1806	12-140	12	.89
47 C 1581	7-140	7	.53				

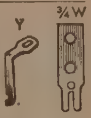
Series 141. Metal-to-metal spacing over bakelite ⅜″. Base 1⅛″ wide x ½″ high. 7⁄16″ centers.

Stock No.	Type	Term.	EACH	Stock No.	Type	Term.	EACH
47 C 1835	2-141	2	.26	47 C 1838	6-141	6	.59
47 C 1836	3-141	3	.34	47 C 1839	8-141	8	.78
47 C 1837	4-141	4	.43	47 C 1840	10-141	10	.96
47 C 1842	5-141	5	.52	47 C 1841	12-141	12	1.13

Series 142. Metal-to-metal spacing over bakelite 9⁄16″. Base 1 5⁄16″ wide x ⅝″ high. 9⁄16″ centers.

Stock No.	Type	Term.	EACH	Stock No.	Type	Term.	EACH
47 C 1670	2-142	2	.30	47 C 1674	6-142	6	.73
47 C 1671	3-142	3	.41	47 C 1676	8-142	8	.95
47 C 1672	4-142	4	.51	47 C 1678	10-142	10	1.17
47 C 1673	5-142	5	.62	47 C 1680	12-142	12	1.39

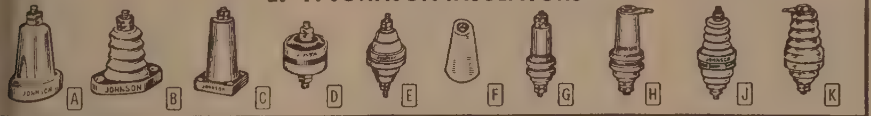
CINCH-JONES ADAPTER TERMINALS



Adapt barrier-type strips (listed above) for top-side or underside solder connections. Type ¾W permits top-side soldering to barrier terminals; Type Y is for underside solder connections. Constructed of sturdy brass; with durable hot-tin finish. Fasten securely under binder head screws. Av. shpg. wt., 3 oz. **In packages of 50.**

TYPE ¾ W				TYPE Y			
Stock No.	Mfr's Type	For Series	Per Pkg.	Stock No.	Mfr's Type	For Series	Per Pkg.
47 C 1400	¾W-140	140	3.00	47 C 1407	Y-140	140	3.00
47 C 1401	¾W-141	141	3.50	47 C 1408	Y-141	141	3.50
47 C 1402	¾W-142	142	3.50	47 C 1409	Y-142	142	3.50

E. F. JOHNSON INSULATORS



A Wide
Selection
of Quality
Insulators
for Every
Need

tand-Off Insulators. High-glaze porcelain (except *steatite). Long akage path, low capacity and freedom from moisture absorption. Nickelated brass hardware includes screw, flat washer, two nuts. Type 135- is ribbed; others have drawn bases. †Similar to Figure B, but square se and 4 mounting holes. Av. shpg. wt., 1 lb.

Stock No.	Mfr's Type	Fig.	Body Ht.	Min. Dia.	Max. Dia.	Mtg. Ctrs.	Hardware	EACH
7 C 6235	135-20*	A	1 9⁄16″	¼″	1¾″	1 5⁄16″	10-32	.36
7 C 6237	135-22*	A	1″	15⁄32″	1 5⁄32″	13⁄16″	8-32	.22
7 C 6239	135-24*	A	⅝″	⅜″	1″	11⁄16″	6-32	.18
7 C 6240	135 60	†	4½″	1 3⁄16″	2½″	1⅞″	¼-20	1.20
7 C 6241	135 62	†	2¾″	⅞″	1⅞″	1⅜″	¼-20	.68
7 C 6242	135-65	B	1⅜″	⅝″	1⅞″	1½″	10-32	.35
7 C 6248	135-66	C	2¾″	15⁄16″	1¾″	1⅜″	¼-20	.85
7 C 6251	135-67	C	4½″	1 1⁄16″	2¼″	1¾″	¼-20	1.20

hru-Panel Types. Porcelain except *steatite. †108-740 jack. 12 oz.

Stock No.	Mfr's Type	Fig.	Body Ht.	Min. Dia.	Max. Dia.	Panel Hole	Hardware	EACH
C 6200	135-40*	G	1¾″	19⁄32″	15⁄16″	7⁄16″	10-32	.48
C 6202	135-42*	G	1¼″	½″	¾″	13⁄32″	10-32	.44
C 6203	135-42-2	H	1¼″	½″	¾″	13⁄32″	†	.57
C 6205	135-44*	G	15⁄16″	⅜″	⅝″	5⁄16″	6-32	.33
C 6206	135-45	J	2 1⁄16″	⅝″	1¼″	½″	10-32	.64
C 6210	135 46	G	3¾″	15⁄16″	1⅝″	11⁄16″	¼-20	1.40
C 6211	135-47	G	6″	1 1⁄16″	2⅛″	31⁄32″	¼ 20	2.50
C 6215	135-48	J	2⅞″	¾″	1⅝″	11⁄16″	10-32	1.00
C 6216	135-48-2	K	2⅞″	¾″	1⅝″	11⁄16″	†	1.12

Lead-In Bushings. Ideal high-voltage terminals. All are constructed of steatite for excellent RF insulating characteristics. Supplied complete with nickeled brass rod and nuts. Av. shpg. wt., 8 oz.

Stock No.	Mfr's Type	Fig.	Body Ht.	Min. Dia.	Max. Dia.	Panel Hole	EACH
47 C 6217	135-50	E	1″	⅜″	¾″	15⁄32″	.42
47 C 6219	135-51	E	1⅝″	⅝″	1¼″	27⁄32″	.64
47 C 6220	135 52	E	2¼″	⅞″	1¾″	1 9⁄32″	.89
47 C 6223	135 55	D	½″	½″	¾″	15⁄32″	.33

F **Ultra-Steatite Cone Insulators.** Non ribbed. With nickel-plated, brass hardware. Av. shpg. wt. 5 oz.

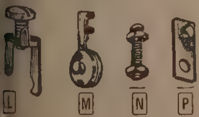
Stock No.	Mfr's Type	Body Ht.	Min. Dia.	Max. Dia.	EACH
47 C 6224	135 500	⅝″	7⁄16″	⅝″	.23
47 C 6231	135-501	1″	½″	¾″	.30
47 C 6232	135-502	1½″	½″	1″	.55
47 C 6233	135-503	2″	⅝	1⅛	.80
47 C 6234	135 504	3	¾″	1½″	1.40

ANTENNA-FEEDER SPREADERS

(Not illus.) For constructing high efficiency, open-wire antenna feeders and transmission lines. Silicone impregnated, moisture-proof porcelain. ⅜x½″. Av. shpg. wt., 3 oz.

Stock No.	Mfr's Type	Length	EACH
47 C 6257	136 122	2″	.18
47 C 6258	136-124	4″	.28
47 C 6259	136-126	6″	.45

TERMINAL LUGS, SNAPS AND STUDS



L **Terminal Lugs.** Screw-mount to chassis. 2 solder lugs. 4 oz. **10 per pkg.**
47 C 1767........................**Per Pkg. .51**

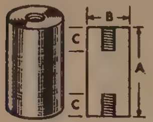
M **Nu-Way Snaps.** For temporary or permanent connections. 7⁄16″x⅞″ dia. 12 oz. **10 per pkg.**
24 C 9034........................**Per Pkg. .98**

N **Nu-Way Studs.** For panel or chassis mtg. Fit snaps. 6-32x½″. 12 oz. **10 per pkg.**
24 C 9031........................**Per Pkg. .79**

P **Nu-Way Flush-Mount Lugs.** Fit snaps. Have 6-32 mtg. hole. 12 oz. **10 per pkg.**
24 C 9033........................**Per Pkg. .79**

Insulators, Coil Forms, Clips, Spacers, Tube Caps

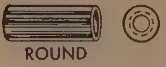
H. H. SMITH CERAMIC STAND-OFF INSULATORS



Commercial-grade threaded insulators specially designed for a wide variety of RF applications where leakage loss must be held to a minimum. Grade L-5 ceramic is employed and outside is highly glazed to prevent absorption of moisture and avoid leakage losses. All except Type 2640 are threaded at both ends to accept 6-32 or ¼-20 machine screws. Type 2640 is threaded throughout. Av. shpg. wt., 3 oz.

Stock No.	Mfr's Type	Dimensions A	Dimensions B	Dimensions C	Thread	PER PKG. OF 10 1-9	PER PKG. OF 10 10-49
47 C 4347	2640	¼″	¼″	Thru	6-32	1.34	1.23
47 C 4348	2641	½″	¼″	5⁄32″	6-32	1.37	1.23
47 C 4349	2642	⅜″	⅜″	5⁄32″	6-32	1.42	1.28
47 C 4350	2643	½″	⅜″	3⁄16″	6-32	1.69	1.52
47 C 4351	2644	½″	½″	9⁄64″	6-32	1.85	1.71
47 C 4352	2645	¾″	½″	¼″	6-32	1.95	1.76
47 C 4353	2646	1″	½″	⅜″	6-32	2.15	1.93
47 C 4355	2647	1½″	½″	9⁄16″	6-32	2.45	2.20
47 C 4356	2648	2½″	½″	½″	6-32	2.67	2.41
47 C 4357	2649	2½″	¾″	¼″	¼-20	3.60	3.26

H. H. SMITH BRASS SPACERS



Round spacers designed for use in raising panels, chassis, condensers, transformers, o electronic parts and assemblies. Constructe durable cadmium-plated brass. Precision chined—lengths and outer diameters accura controlled to ±1⁄32″ tolerance. Tapped bush for threads indicated in table below. **Packed 10 spacers per packa** Av. shpg. wt., 6 oz.

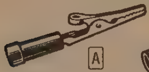
ROUND—NON-THREADED ¼″ O.D.

Stock No.	Mfr's Type	Screw Size	Length	PKG. OF
47 C 4724	2100	6	¼″	.33
47 C 4725	2101	6	⅜″	.44
47 C 4728	2103	6	¾″	.63
47 C 4729	2104	6	1″	.72

ROUND—THREADED ¼″ O.D.

Stock No.	Mfr's Type	Tap	Length	PKG. OF
47 C 4761	2120	6-32	¼″	.39
47 C 4765	2121	6-32	⅜″	.50
47 C 4767	2123	6-32	¾″	.84
47 C 4774	2129	8-32	1″	1.04

H. H. SMITH ADAPTER CLIPS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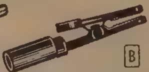

B

Alligator clips with jacks in handle to accept tip and/or banana plugs. Cadmium-plated steel.

A PLASTIC-HANDLE ALLIGATOR CLIPS

Type 305 With Combination Tip-Jack and Banana Jack. Ideal for use with test prods Aids servicing. 2 oz.
47 C 1168. Red .39 47 C 1169. Black .39

Type 304 With Tip Jack. Accommodates standard tip-plug only. 2 oz.
47 C 1300. Red .33 47 C 1305. Black .33

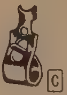
B ALL-INSULATED ALLIGATOR CLIPS

Type 337 With Banana Jack. Accommodates banana plug in receptacle end. 2 oz.
47 C 1382. Red .24 47 C 1383. Black .24

Type 336 With Tip Jack. Accommodates standard tip plug in receptacle end. 2 oz.
47 C 1373. Red .36 47 C 1374. Black .36

TRANSMITTING STANDA

TUBE CAPS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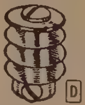
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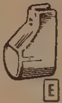
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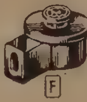
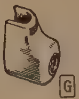
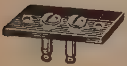

F


G

Heat dissipating types (Fig. have set-screw. Type 36011 (F) gives tight grip to insure g contact. Shpg. wt., per packa 3 oz. *Figure,

Stock No.	*	Description and Application	Pkg. of	PE PK
47 C 2514	C	National Type GG-24-2. For standard tubes, ⅜″ dia. grid caps.	5	.
47 C 2515	C	National Type 8. For octal tubes, ¼″ diameter grid caps.	5	.
47 C 2518	C	National Type GG-12-2 grid and plate cap. 9⁄16″.	3	.
47 C 2096	D	Eimac HR-6 heat dissipating cap for 4-250A, 304TH, etc. 23⁄64″ hole.	1	1.
47 C 3086	D	Bud TC-487 heat dissipating cap for UH50, HK24, 304B, 832A, 834. 1⁄16″ hole.	1	.
47 C 3089	D	Bud TC-1921 heat dissipating cap for 866, T125, HF100, 450TH, 750TH, 809, 811, 812, 813, 828, 866, etc. 9⁄16″ hole.	1	1.
47 C 2175	E	National SPP-9 ceramic-insulated grid and plate cap. 9⁄16″	1	.
47 C 3243	F	Millen 36011 industrial snap-action-release, self-locking plate cap. 9⁄16″.	1	.
47 C 3244	G	Millen Type 36002 steatite tube cap. ⅜″	1	.
47 C 3245	G	Millen Type 36004 steatite tube cap. ¼″	1	.
47 C 3246	G	Millen 36001 steatite plate cap for 866, etc. 9⁄16″.	1	.

H. H. SMITH HEAVY-DUTY STRIPS



Made of 3⁄32″ thick black bakelite, ⅞″ wide. Have 8-32x5⁄16″ nickel-plated screw terminals and cadmium-plated brass solder lugs. Drilled for 2-hole mtg. Av. wt., 4 oz.

Stock No.	Type	Term.	EACH
47 C 1875	902	2	.20
47 C 1880	903	3	22
47 C 1885	904	4	.27
47 C 1895	906	6	.39
47 C 1898	908	8	.50

MILLEN MOLDED COIL FORMS

Type 45004. Molded-mica, phenolic base type coil forms. Four-prong type. For shortwave receivers and low-power transmitters. Size: 1″ diameter; 1 13⁄32″ winding length; 2 3⁄16″ overall. Shpg. wt., 2 oz.
47 C 3217........................**.58**

Type 45005. Same as 45004, but has 5 prongs. Shpg. wt., 2 oz.
47 C 3218...............................**.58**

Type 45000. Same as Type 45005 above, but without prongs. Designed for screw mounting. Shpg. wt., 2 oz.
47 C 3219...............................**.45**

MAYFAIR POLYSTYRENE

COIL FORMS

A selection of coil forms for winding RF coils of all types. Low-loss polystyrene construction. 4, 5, and 6-prong standard forms fit standard tube sockets; 5-prong miniature type fits Amphenol Type 78-S5S miniature socket (see under "Retainer Ring Sockets" in socket section). Av. wt., 2 oz.

Stock No.	Mfr's Type	Description	Size L. X Dia.	EA.
47 C 6693	24-5H	5-Prong Min.	1 9⁄16x¾″	.28
47 C 6695	24-4P	4-Prong Std.	2¼x1¼″	.37
47 C 6696	24-5P	5-Prong Std.	2¼x1¼″	.27
47 C 6697	24-6P	6-Prong Std.	2¼x1¼″	.40

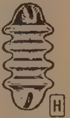
JOHNSON ANTENNA INSULATORS

JOHNSON 104

Strain-type insulators. All are porcelain-glazed to prevent moisture absorption, and prevent RF leakage. Superior quality units with heavily glazed surfaces and heavy, nickel-plated brass hardware suitable for exposed applications. Type 136-107 insulator is wet process 1″-diameter round design with 800 lbs. breaking strength. Type 136-104 is dry process, ⅝″ square with 400 lbs. breaking strength.

Stock No.	Mfr's Type	Size	Shpg. Wt.	EACH
47 C 6254	136-104	4″x⅝″ sq.	4 oz.	.30
47 C 6255	136-107	7″x1″ dia.	10 oz.	1.35

CONSOLIDATED ANTENNA INSULATORS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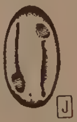
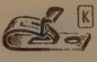

J

H Dependable glazed porcelain insulator. Efficient ribbed construction provides long leakage path. 2½″ long. Shpg. Wt., 2 oz. **4 per pkg.**
47C6051. Pkg./.40

J White porcelain strain insulator, 1½x⅞″ dia. Breaks up guy lines into non-resonant lengths. 2 oz. **4 per pkg.**
47 C 6052. Per Pkg........................**.48**

FAHNESTOCK SPRING CLIPS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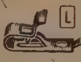
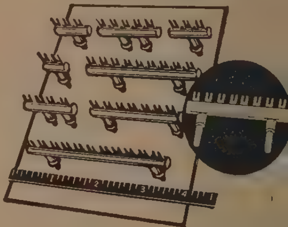

L

Positive reliable contact. Easy to connect and disconnect. Made of brass, except *bronze. Av. shpg. wt., 3 oz. per pkg.

Stock No.	Mfr's Type	Fig.	LxW Inches	Max. Wire	Mtg. Hole	PKG. of 10
47 C 1700	2	K	1x⅜	10	8	.25
47 C 1702	3	K	1 1⁄16x⅜	10	8	.32
47 C 1705	10	K	¾x5⁄16	14	6	.20
47 C 1703	5	L	1 1⁄16x⅜	10	8	.36
47 C 1707	15*	L	½x7⁄32	16	4	.20

SCIENTIFIC RESEARCH CO

MOUNTING STRIPS

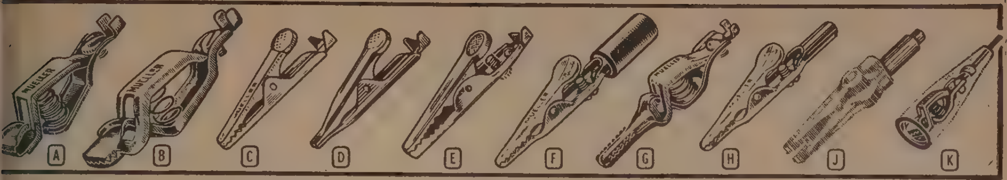


- Constructed of Lightweight, Non-Breaka Polypropylene
- Have Pretinned Terminal Points

Low loss polypropylene component mount strips. Increase production line efficiency a contribute to compact circuitry. Dielectric c stants are 400% better than phenolic, 20 better than ceramic. Loss factors are 200 ti better than phenolic, 30 times better than amic, even as frequencies increase. Ea fasten to chassis by means of speed nut, l washer or 6-32 nut. Improved serviceability electronic instruments using EGL mount strips is made possible since all test points accessible and components can be easily placed. The strips are lightweight and n breakable. Lengths from 1 9⁄32″ to 3 15⁄64″. Av. 5 oz. **Last digit in Type Number indica number of terminals. 5 per pkg.**

Stock No.	Mfr's Type	Lgth.	PE PK
47 C 3106	MS-1-PP-2	1 3⁄32″	.6
47 C 3107	MS-1-PP-3	57⁄64″	.6
47 C 3108	MS-1-PP-4	1 7⁄16″	.8
47 C 3109	MS-1-PP-5	1 15⁄32″	.8
47 C 3110	MS-1-PP-7	2 1⁄16″	.8
47 C 3111	MS-1 PP-9	2 11⁄32″	.98
47 C 3112	MS-1-PP-11	3 15⁄64″	.98

Assorted Test Clips, Terminals, Crimping Tools



MUELLER CLIPS AND FLEXIBLE INSULATORS

MESH-TEETH TEST CLIPS

A For general-purpose use. Interlocking necks prevent jaw offset. Type 45C, solid opper; Type 45, cadmium-plated steel. Av. ipg. wt. per 100 pieces, 1 lb.

Stock No.	Mfr's Type	Amps	Size	Per Pkg. of 10
47 C 5001	45	5	1½″	.61
47 C 5006	45C	10	1½″	1.07

LEAD-PLATED BATTERY CLIPS

A For moderately heavy current work, battery charging, electroplating, and light elding. Stands erect. Shpg. wt., per 100; 6¼, §15, ‡36. *Marking.

Stock No.	Mfr's Type	Amps	*	Size	EACH 1-9	EACH 10-99
7 C 5021	†24A	25	+	2⅞″	.26	.177
7 C 5022	†24A	25	None	2⅞″	.26	.177
7 C 5023	§21A	50	+	4″	.46	.32
7 C 5024	§21A	50	None	4″	.46	.32
7 C 5027	‡11A	100	None	6″	1.27	.89

SOLID-COPPER CLIPS

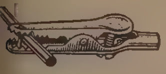
A Heavy-duty, high-conductivity clips constructed of solid copper. Compact design. hpg. wts. per 100 pieces: Type 25C, 6¾ lbs.; 1C, 18 lbs.; 11C, 41 lbs.

7 C 5073	25C	75	None	3″	.49	.34
7 C 5031	21C	100	+	4½″	1.20	.84
7 C 5032	21C	100	None	4½″	1.20	.84
7 C 5033	11C	200	+	6″	2.34	1.64
7 C 5034	11C	200	None	6″	2.34	1.64

3-SIDED MESH-TEETH CLIPS

B Good jaw spread and current carrying capacity. §Indicates cadmium-plated steel; solid copper. †Insulation-piercing needle. Jaws pen ⅝″. Wt., per 100, ⅝-inch maximum. Av. hpg. wt. per 100, 3¼ lbs.

Stock No.	Mfr's Type	Amps	Size	EA. 1-9	MULTIPLES OF 10, EA.
7 C 5010	§48B	10	2″	.13	.09
7 C 5078	*48C	20	2″	.20	.14
7 C 5087	*†50C	20	2¼″	.32	.22
7 C 5015	§27	20	2⁷⁄₁₆″	.16	.11
7 C 5088	*51C	20	2¼″	.22	.15
7 C 5074	25	40	3″	.24	.17
7 C 5097	*27C	40	2⁷⁄₁₆″	.27	.19



TYPE 60-NS ALLIGATOR NEEDLE CLIP

deal for any application where it is desirable o pierce the insulation of a wire to make a nore direct connection. Slim jaws open ⁵⁄₁₆″ naximum and have beryllium copper needle. Wire centering notches hold conductor securey. Screw type. Shpg. wt., per 100, 1 lb. **Prices per pkg. of 10.**

7 C 5014. 1-9. . Ea. 1.32   10-49. . Ea. 1.12

"MINI-GATOR" CLIPS

C /16″ jaw opening, ¹¹⁄₆₄″ O.D. tip, including insulator. Type 30, cadmium-plated steel; 30C, solid copper. Per 100, 4 oz. **Pkg. of 10.**

Stock No.	Mfr's Type	Amps	Size	Per Pkg. of 10 1-9	Per Pkg. of 10 10-49
47 C 5140	30	5	1¹⁄₁₆″	.50	.43
47 C 5141	30C	10	1¹⁄₁₆″	.61	.53

"MICRO-GATOR" CLIPS

D Similar to "Mini-gators" but with tiny tip for small terminals, etc. §Cadmium plated steel; *solid copper. ¼ lbs. per 100 pcs.

47 C 5178	§34	......	1³⁄₃₂″	.41	.36
47 C 5179	*34C	......	1³⁄₃₂″	.53	.46

70 SERIES ALLIGATOR CLIPS

E §Cadmium-plated steel; *solid copper; †solder connection; ‡screw connected. Wt. per 100 pieces, 1 lb.

47 C 5173	§†70	5	1¹¹⁄₁₆″	.45	.38
47 C 5174	§‡70S	5	1¹¹⁄₁₆″	.54	.46
47 C 5175	*‡70CS	10	1¹¹⁄₁₆″	.85	.73

INSULATED BARREL ALLIGATOR CLIPS

F Cad.-plated steel, except *solid copper. Jaws open ⁵⁄₁₆″. Per 100, 1½ lbs. †Handle.

Stock No.	Type	Size	†	Per Pkg. of 10 1-9	Per Pkg. of 10 10-49
47 C 5081	60HS	2¹¹⁄₃₂″	Red	.89	.76
47 C 5082	60HS	2¹¹⁄₃₂″	Black	.89	.76
47 C 5083	*60CHS	2¹¹⁄₃₂″	Red	1.18	1.01
47 C 5084	*60CHS	2¹¹⁄₃₂″	Black	1.18	1.01

85 SERIES CROCODILE CLIPS

G ‡Phone tip on one jaw. Screw connections. Wt., per 100, 1¾ lbs.

Stock No.	Type	Size	Material	Ea. 1-9	Multiples of 10, Ea.
47 C 5060	85	2⅛″	Cad.-plated	.11	.08
47 C 5062	85C	2⅛″	Solid copper	.21	.15
47 C 5098	‡85T	2⅝″	Cad.-plated	.27	.19

60 SERIES ALLIGATOR CLIPS

H †Solder type; "S"—screw type. Per 100, 1 lb. **Prices per pkg. of 10.** *1-9, §10-49.

47 C 5011	†60	2″	Cad.-plated	.54*	.47§
47 C 5012	60S	2″	Cad.-plated	.63*	.54§
47 C 5013	60CS	2″	Solid copper	.96*	.82§

INSULATED ALLIGATOR CLIPS

J No. 63 clip, cadmium-plated steel; No. 63C clip, solid-copper type. *Red or black insulator. Size, 2⅛″. Av. shpg. wt., per 100 pcs., 1¾ lbs.

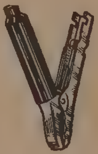
Stock No.	Type	Amps	*	Each 1-9	Multiples of 10, Ea.
47 C 5145	63	5	Red	.19	.13
47 C 5146	63	5	Black	.19	.13
47 C 5147	63C	10	Red	.22	.15
47 C 5148	63C	10	Black	.22	.15

SLIP-ON INSULATORS FOR CLIPS

K Tough, flexible vinyl plastic insulators for maximum protection. High dielectric strength; holds clip firmly; resistant to oils and grease. Insulator covers entire clip except for end of nose. Long tail affords extra protection and prevents breakage of wire. Available in both red and black. Av. shpg. wt., 5 oz. *Manufacturer's type.

Stock No.	*	For Series	Color	EACH 1-9	EACH 10-99
47 C 5036	13	11	Red	.81	.57
47 C 5037	13	11	Black	.81	.57
47 C 5038	23	21	Red	.41	.287
47 C 5039	23	21	Black	.41	.287
47 C 5041	26	24, 25	Red	.23	.16
47 C 5042	26	24, 25	Black	.23	.16
47 C 5043	29	27	Red	.17	.12
47 C 5044	29	27	Black	.17	.12
47 C 5046	32	30	Red	.05	.033
47 C 5047	32	30	Black	.05	.033
47 C 5051	36	34	Red	.05	.033
47 C 5052	36	34	Black	.05	.033
47 C 5053	47	45	Red	.07	.05
47 C 5054	47	45	Black	.07	.05
47 C 5056	49	48, 50	Red	.10	.069
47 C 5057	49	48, 50	Black	.10	.069
47 C 5058	62	60, 70	Red	.06	.04
47 C 5059	62	60, 70	Black	.06	.04
47 C 5061	72	70	Red	.06	.04
47 C 5063	72	70	Black	.06	.04
47 C 5064	87	85	Red	.07	.05
47 C 5066	87	85	Black	.07	.05

HIPPO AND PIGMY HIPPO HIGH-CURRENT CLIPS

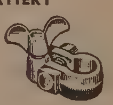


Plier clips for fast battery chargers and battery-booster cables. Tough vinyl insulating sleeves marked for polarity. Solder strap and cable clinching ears. Locks on battery terminal in any position. 1⁹⁄₁₆″ jaw spread; 6″ long. Copper-plated steel. Rated 100 amps. Wt., per 100, 41 lbs.

47 C 5076. Red. Positive. . . . . **Ea. .51**
47 C 5077. Black. Negative. . . . . **Ea. .51**

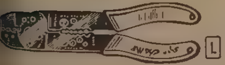
Type 46-A. Pigmy-hippo clip. Above, but 1⅛ spread. 3″ long. 50 amps. 5¼ lbs. per 100.
47 C 5071. Red. Positive. . . . . **Ea. .17**
47 C 5072. Black. Negative. . . . . **Ea. .17**

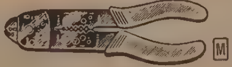
TRIPLE A BATTERY BINDING POST



Versatile battery binding post with 250-amp rating. Separate threaded terminal for cables with lugs. Shpg. wt. 5 oz.
47 C 1785. . . . . **.56**

A-MP CRIMPING TOOLS

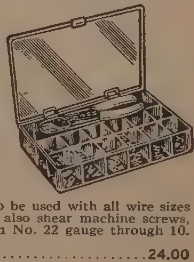




L **Type 47100-1 "Super Champ" Crimping Tool.** Crimps insulated solderless terminals, shears machine screws, measures stud sizes, cuts and strips wire from standard AWG 22 thru 10. Shears bolts in 10-24, 10-32, 8-32, 6-32 and 4-40 sizes. Constructed of rugged tool steel, with comfortable insulated plastic handles. Length, 7⅜″. Shpg. wt., 1 lb.
7 C 5321. . . . . **4.95**

M **Type 49835-1.** For crimping non-insulated terminals. Otherwise has same versatile features as above—shears machine screws, neasures stud sizes, cuts and strips wire. Shpg. wt., 1 lb.
7 C 4453. . . . . **4.95**

A-MP TERMINAL KIT

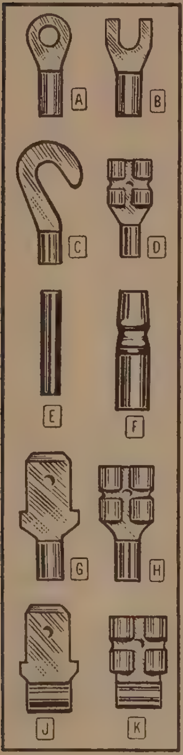


Type 29033. Terminal kit includes an assortment of the most popular insulated terminals used for general wiring applications, a heavy-duty type 47100-1 Super-Champ crimping tool (shown at left), plus a transparent plastic storage case. Storage case has individual compartments for different size terminals and crimping tool—makes it easy to select the proper terminal at a glance. Ideal for radio-TV and electrical servicemen. Saves time by eliminating the necessity of soldering. Crimping tool firmly affixes terminal to wire with a minimum of effort, makes a very satisfactory electrical connection. Tool may also be used with all wire sizes from No. 10 gauge to No. 22 gauge. Will also shear machine screws, measure stud sizes, cut and strip wire from No. 22 gauge through 10. Storage case, 9¾x5½x2″.
47 C 5322. Shpg. wt., 2 lbs.. . . . . **24.00**

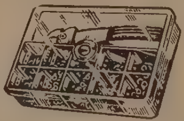
Solderless Terminals, Tools, Sockets, Test Prods

VACO INSULATED AND NON-INSULATED SOLDERLESS TERMINALS

Vaco Single-Grip Solderless Terminals. Form perfect electrical connections. Ideal for general-purpose work or radio, TV and appliance servicing. Of chrome-plated copper alloy. Series 10000 are one-piece non-insulated types. Series 50000 are insulated; heavy plastic sleeve provides insulation from tongue to wire covering. *B connector; †snap terminal; §female tab socket; ††¼" male t ‡¼" angle male tab; #angle female tab socket. Use crimping t below. Wts., pkg. of 100, 8 oz.; economy pack, 3 oz.



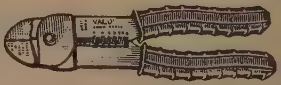
STANDARD PACKAGES OF 100							$1.00 ECONOMY PACKAGES							
ALL NON-INSULATED TERMINALS							NON-INSULATED				INSULATED			
Wire Size	Stud Size	Lgth.	Fig.	Stock No.	Mfr's Type	PER PKG. of 100	Stock No.	Type	Pkg. Qty.	PER PKG.	Stock No.	Type	Pkg. Qty.	PE PK
22 18	4	19/32"	A	47 C 4200	11204	2.71	....	.....	.....		....	.....	.....	..
22-18	5 6	17/32"	A	47 C 2800	11205	2.71	47 C 4476	11205	32	1.00	47 C 4269	51205	16	1.
22 18	5-6	3/4"	A	47 C 2801	11206	2.71	44 C 4481	11206	32	1.00	47 C 4270	51206	16	1.
22 18	8	43/64"	A	47 C 4201	11208	2.71	....	.....	.....	.....	....	.....	.....	..
22-22	10	3/4"	A	47 C 2802	11210	2.71	47 C 4482	11210	32	1.00	47 C 4272	51210	16	1.
16 14	5-6	17/32"	A	47 C 2803	11305	2.71	....							
16-14	5 6	23/32"	A	47 C 2804	11306	2.71	....	....	....	.....	47 C 4275	51306	16	1.
16-14	8	23/32"	A	47 C 4204	11308	2.71	....	.....	.....	.....	....	.....	.....	..
16-14	10	23/32"	A	47 C 2805	11310	2.71	47 C 4486	11310	32	1.00	47 C 4277	51310	16	1.
12-10	10	3/4"	A	47 C 2807	11410	3.38	47 C 4489	11410	25	1.00	....	.....	.....	..
12-10	12-¼	29/32"	A	47 C 2808	11414	4.49	47 C 4490	11414	19	1.00	....	.....	.....	..
22-18	4	17/32"	B	47 C 4205	13204	2.42	....	.....	.....	.....	....	.....	.....	..
22-18	4-6	17/32"	B	47 C 2812	13206	2.42	47 C 4265	13206	36	1.00	47 C 4279	53206	16	1.
22-18	8	41/64"	B	47 C 4206	13208	2.71	47 C 4266	13208	32	1.00	47 C 4280	53208	16	1.
22-18	10	11/16"	B	47 C 4207	13210	2.71	....	.....	.....	.....	....	.....	.....	..
16-14	4-6	49/64"	B	47 C 2810	13306	2.71	47 C 4492	13306	32	1.00	47 C 4282	53306	16	1.
16-14	8	21/32"	B	47 C 4208	13308	2.71	....	.....	.....	.....	....	.....	.....	..
16-14	10	49/64"	B	47 C 2811	13310	2.71	47 C 4493	13310	32	1.00	47 C 4304	53310	16	1.
22-18	4-6	9/16"	B	47 C 2809	14206	2.42	47 C 4498	14206	36	1.00	47 C 4305	54206	16	1.
22-18	8	5/8"	C	47 C 2819	15208	2.71	47 C 4499	15208	32	1.00	47 C 4306	55208	16	1.
22-18	......	9/16"	E*	47 C 2816	17202	2.71	47 C 4287	17202	32	1.00	47 C 4310	57202	16	1.
16-14	......	9/16"	E*	47 C 2817	17302	2.71	47 C 4288	17302	32	1.00	47 C 4311	57302	16	1.
12-10	......	11/16"	E*	47 C 2818	17402	3.38	....	.....	.....	....	47 C 4312	57402	13	1.
16-14	......	5/8"	F†	47 C 2813	19301	2.10	....	.....	...	.....	....	.....	.....	..
22-18	......	17/32"	D§	47 C 4213	18204	2.71	47 C 4294	18204	32	1.00	....	.....	.....	..
16-14	......	23/32"	G††	47 C 2820	18301	2.71	47 C 4295	18301	32	1.00	47 C 4313	58301	16	1.
16-14	......	23/32"	H§	47 C 2821	18302	2.71	47 C 4297	18302	32	1.00	47 C 4314	58302	13	1.
16-14	......	9/16"	J‡	47 C 2822	18303	2.71	....	.....	.....	.....	....	.....	.....	..
16-14	......	15/32"	K#	47 C 2823	18304	2.71	47 C 4302	18304	32	1.00	....	.....	.....	..



SERVICE KIT

Model 2195. Contains approx. 170 non-insulated terminals and crimping tool (at right). Tool cuts, strips wire and crimps terminals. Includes assortment of these single-grip terminals: 11205, 11206, 11210, 11305, 11306, 11310, 14206, 13306, 13310, 15208. In clear plastic box, 8¾x6x1¾", with individual compartments. Shpg. wt., 2 lbs.

47 C 4427 .... 8.95

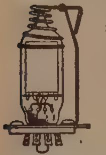


CRIMPIN TOOL

Model 1900. A quality tool designed for fast, effect crimping of non-insulated solderless terminals, abo Tool is furnished with three different crimping d Also quickly strips insulation from No. 22 to No. size wires. Has durable steel jaws for heavy-duty u Insulated plastic handles assure a comfortable grip all times. Shpg. wt., 1 lb.

47 C 4233 .... 3.

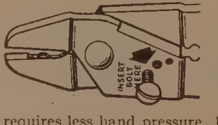
H. H. SMITH "MINI-SPRING" TUBE HOLD-DOWNS



Use when tubes are mounted upside down or horizontally. For 7 or 9-pin miniature tubes. Mount with mach. screw or rivet. 10 **per pkg.** Av. wt., 2 oz.

Stock No.	Type	Ht.	For Tubes	PKG.
47 C 1320	562	2⅜"	6AQ5, 6X4, 35W4, 50B5, etc.	1.14
47 C 1321	561	1⅞"	1R5, 6AT6, 6BE6, 6C4, etc.	1.14
47 C 1323	563	1⅞"	12AT7, 12AU7, etc.	1.16

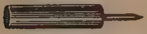
VACO 1963 CRIMPING TOOL



Easy handling all-purpose tool crimping dies for insulated and n insulated terminals. Cuts and str wire. Wire cutter at tip for close wo Strips No. 10, 12, 14, 16, 18, 20, wire. Shears six sizes of bolts: 10- 6-32, 5-40, 10-24, 8-32, and 4-40. proved-action bolt slicing princi requires less hand pressure. Jumbo plastic handles. Wt., 2 lbs.

47 C 4237 .... 4.

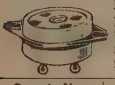
G-C ELECTROCRAFT "KLIPZON MINIPRODS"



Fit standard tip jacks. Clip to any terminal, lug, etc. Point pierces insulation. Solderless connection inside 1⅛" plastic handle. Wt., 2 oz.

Stock No.	Type	Color	EACH
47 C 2271	33-138	Red	.42
47 C 2272	33-140	Black	.42

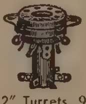
JAMES MILLEN TUBE SOCKETS



Low-loss steatite 4 and 5-prong tube sockets for UHF use. For 866 rectifiers, transmitting tubes, etc. 1¹¹⁄₁₆" mtg. ctr. Wt., 4 oz.

Stock No.	Type	Prongs	EACH
47 C 3200	33004	4	.85
47 C 3201	33005	5	.85

VECTOR SOCKET TURRETS



Terminal structures for single or multi-stage sub-assemblies. Mount on phenolic form; 7-pin miniature in ⅝" hole; 9-pin noval in ¾" hole. ½-in. diameter. Shpg. wt., 3 oz.

2" Turrets. 9 terminals in 2 rings, 1" apart.

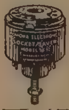
Stock No.	Type	Socket	EACH
47 C 0217	8-M-9T	7-Pin Min.	.76
47 C 0233	8-N-9T	9-Pin Noval	.76

1½" Turrets. 6 terminals in one ring.

47 C 0218	6-M-6T	7-Pin Min.	.69
47 C 0234	6-N-6T	9-Pin Noval	.69

Type S9 Shield Base. For use with miniature 9-pin sockets above. Fastens above chassis on socket mounting centers. Use with standard bayonet shield. Shpg. wt., 2 oz.

47 C 0236 .... .05

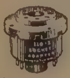


POMONA SOCKET SAVE

For tube checkers and other equ ment to reduce wear of t sockets. Have beryllium cop tin alloy-plated contacts. shpg. wt., 3 oz.

Stock No.	Type	Use With	EA
47 C 0668	SS-7	7-pin miniature	1.
47 C 0669	SS-8	8-pin octal	1.
47 C 0678	SS-9	9-pin miniature	1.
47 C 2240	SS-12	12-pin compactron	2.
47 C 2416	1751	9-pin novar	1.

110° TUBE CONVERSION ADAPTER



110-S Sylvania Type. For duo-d equipment. No rewiring—plu for 110° socket. Converts to 7 basing. Shpg. wt., 4 oz.

47 C 0683 1

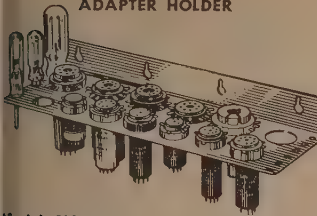
110-R RCA Type. As above, but convert 8HR basing. Shpg. wt., 5 oz.

47 C 0684 1

Sockets, Adapters, Test-Lead and Socket Holders

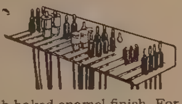
POMONA SOCKETS

NEW TEST ADAPTER HOLDER



Model 2898. Handy rack mounted holder keeps tube socket test adapters and service tools neatly organized and readily accessible. The holder accepts up to seven socket adapters of ⅞″ in diameter or less, and six of 1⁹⁄₃₂″ dia. or less. Holes at both ends accommodate 12 service tools. Mounting holes provided for easy installation. Cold rolled steel with baked green enamel finish. 3½x11″. Shpg. wt., 14 oz.
47 C 2228..............................2.50

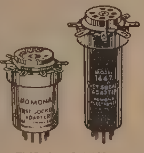
TEST LEAD HOLDERS



Convenient holder for test leads, patch cords, and cable assemblies. Items can be filed for instant selection within easy reach, are easy to store and remove. Cold-rolled steel, with baked enamel finish. For cable sizes indicated below. 11x3½″. Shpg. wt., 14 oz.

Stock No.	Mfr's Type	Cable Dia.	Color	EACH
47 C 2414	1508	.210″	Orange	2.95
47 C 2415	2708	.450″	Blue	2.95

TEST SOCKET TUBE ADAPTERS

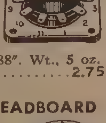


TVS-9 1447, 9

Permits circuit measurements from top of chassis. Plug-in test socket tube adapter has extended test tabs which make it easy to take readings. TVS-7, TVS-8, TVS-9, TVS-12 have mica-filled molded design per **MIL-M-14.** Breakdown voltage 1700 volts AC or DC. Manufacturer's Types 1447, 1449 and 2610 for use with sockets having captive or telescoping tube shields. Breakdown 1800 volts AC or DC. Av. shpg. wt., 5 oz.

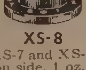
Stock No.	Types	Pins	Description	EACH
47 C 0035	TVS-7	7	Miniature	1.65
47 C 0036	TVS-8	8	Octal	1.75
47 C 0037	TVS 9	9	Miniature	1.85
47 C 2211	TVS-12	12	Compactron	2.55
47 C 0038	1447	7	Miniature	1.85
47 C 0039	1449	9	Miniature	1.95
47 C 0045	2610	10	Decal	2.55
47 C 2417	2497	9	Magnoval	2.75
47 C 2286	1779	9	Novar	2.25

NEW 11-PIN RELAY SOCKET



Model 2811. For industrial control equipment requiring an 11 contact configuration. Above chassis mounting. Socket and base molded of diallyl pthalate. Numbered socket connections. Heat treated beryllium copper contacts. 600 VRMS @ 10 amps. 2x2x.88″. Wt., 5 oz.
47 C 2420..............................2.75

SURFACE-MOUNTING BREADBOARD SOCKETS

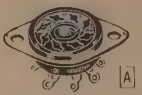


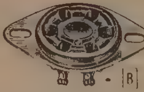
XS-8

Eliminate double chassis design. Insulated base. Circuits may be wired in enclosed unit. Base connections numbered. Phosphor-bronze spring contacts, Std. center-to-center mtg. holes. XS-7 and XS-8 mount in center or side, XS-9 on side. 1 oz.

Stock No.	Type	Pins	EACH
47 C 2215	XS-7	7	.65
47 C 2216	XS-8	8	.75
47 C 2217	XS-9	9	.75

AMPHENOL STANDARD TUBE SOCKETS



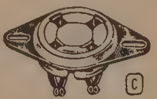


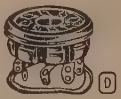
A **Type MIP.** Bakelite body with molded-in steel plate. *Require 1⅛″ hole; mounting centers, 1⁹⁄₃₂″. All others have 1⁵⁄₃₂″ mounting centers. †Requires 1⁹⁄₆₄″ hole; others 1⁵⁄₆₄″ hole. §Mica-filled bakelite. Av. shpg. wt., 4 oz.

Stock No.	Type	Prongs	EACH
47 C 0024	77MIP4	4	.19
47 C 0025	77MIP5	5	.21
47 C 0026	77MIP6	6	.23
47 C 0027	77MIP7S	7 Small	.25
47 C 0029	†77MIP7L	7 Large	.28
47 C 0028	77MIP8	Octal	.21
47 C 0126	*88-8	Octal	.23
47 C 0030	*88-8X	Loktal	.33
47 C 0034	§77MIP8T	Octal	.25
47 C 0032	77MIP9	9	.25
47 C 0033	77MIP11	11	.29
47 C 0069	77MIP12	12	.30
47 C 0070	77MIP20	20	.67

B **Type RS.** High dielectric bakelite body with removable steel mounting plate. Designed for mounting in size 1¹¹⁄₆₄″ hole. Employ slotted mounting holes to fit centers from 1½ to 1⅞″. Av. shpg. wt., 4 oz.

Stock No.	Type	Prongs	EACH
47 C 0004	78RS4	4	.26
47 C 0005	78RS5	5	.28
47 C 0006	78RS6	6	.30
47 C 0008	78RS8	Octal	.29
47 C 0071	78RS11	11	.35





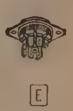
C **Type RSS.** Ultra-low-loss steatite replacement sockets. Ruggedly constructed. Adaptable to a wide variety of uses. Excellent for use in high-frequency transmitting equipment, etc. All are universal type; have removable mounting plate with slotted holes 1½ to 1⅞″. Mounting hole, 1¼″ except Type 49RSS7L, which requires 1²¹⁄₆₄″. Av. shpg. wt., 5 oz.

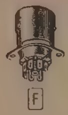
Stock No.	Type	Prongs	EACH
47 C 0074	49RSS4	4	.92
47 C 0075	49RSS5	5	.94
47 C 0079	49RSS7L	7 Large	1.69
47 C 0078	49RSS8	Octal	1.12

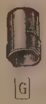
D **Type S.** High-dielectric molded bakelite body. Units are the same as Type RS, but without mounting plate. Mount quickly and easily without screws or rivets on panel or chassis up to .050″ thick with retainer ring supplied. Ruggedly built for trouble-free service. Socket may be positioned to line up contacts for convenient wiring. Require keyed 1¹¹⁄₆₄″ mounting hole. Av. shpg. wt., 4 oz.

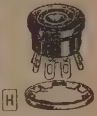
Stock No.	Type	Prongs	EACH
47 C 0054	78S4	4	.18
47 C 0055	78S5	5	.20
47 C 0056	78S6	6	.22
47 C 0057	78S7S	7 Small	.25
47 C 0058	78S8	Octal	.21
47 C 0062	78S9	9	.24
47 C 0060	78S8L	Loktal	.32
47 C 0072	78S11	11	.28

AMPHENOL MINIATURE SOCKETS AND SHIELDS









Finest quality. The 147 series mount in ⅝″-diameter holes, and have ⅞″ mounting centers with ⅛″ holes. The 59 series mount in ¾″ holes, and have 1⅛″ mounting centers with .095″ holes (except Type 59-403, which is .125″). †Mica-filled. ‡Constructed of black bakelite. Av. shpg. wt., 5 oz.

E WITHOUT TUBE SHIELD BASE

Stock No.	Type	Prongs	EACH
47 C 0191	‡147-500	7	.31
47 C 0199	†147-505	7	.31
47 C 0193	‡59-409	9	.35
47 C 0167	†59-410	9	.36

F WITH TUBE SHIELD BASE

Stock No.	Type	Prongs	EACH
47 C 0194	‡147-905	7	.35
47 C 0175	†147-913	7	.34
47 C 0103	†59-403	9	.51
47 C 0176	†59-407	9	.41
47 C 0196	‡59-406	9	.40

G TUBE SHIELDS

FOR 9-CONTACT SOCKETS

Made of cold rolled cadmium-plated steel, 5 oz.

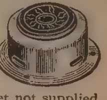
Stock No.	Type	Height	EACH
47 C 0189	5-408	1¹⁵⁄₁₆″	.25
47 C 0190	5-409	2⅜″	.31

H RETAINER RING SOCKETS

Mount in ⅝″ round or "D" shaped hole with retainer rings provided. May be used with Amphenol Series 91-MPM plugs. Made of black bakelite. Shpg. wt., 5 oz.

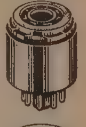
Stock No.	Type	Prongs	Pkg./5
47 C 0121	78-S3S	3	.61
47 C 0123	78-S4S	4	.79
47 C 0124	78-S5S	5	1.05
47 C 0128	78-S6S	6	1.10
47 C 0129	78-7P	7	1.47

ACS SOCKET SHELL



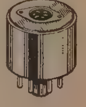
Type 23-1S. Lightweight aluminum shell for Type RSS, RS and S sockets (except Type 49RSS7L). Permits extension of sockets 1³⁄₁₆″ above or below chassis. Body dia., 1¹¹⁄₁₆″; 2³⁄₁₆″ base. For 1¾″ hole. Socket not supplied.
47 C 0127. Wt., 5 oz ...... .26

EBY NOVAR ADAPTER



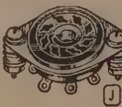
Type 9330. Keep your servicing equipment up-to-date by adding this adapter. Permits testing of the 6DW4 Novar tube on existing test equipment. Each adapter supplied with complete instructions. Shpg. wt., 3 oz.
47 C 1399............**Each 1.80**

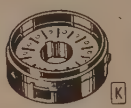
EBY NUVISTOR ADAPTER

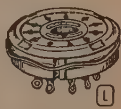


Type 9320. Permits testing of RCA 7-pin Nuvistor tubes using existing test equipment. Simply plug adapter into standard octal socket. Instruction sheet. 4 oz.
47 C 1359..........**Each 2.40**

AMPHENOL SPECIAL OCTAL AND MAGNAL SOCKETS







J **Type 77-MIP8FK Floating Octal.** Live-rubber grommets in enlarged mounting holes of sturdy steel plate. Mounts in 1³⁄₁₆″ hole with two ¼″ holes on 1½″ centers. Supplied with grommets, mtg. screws, nuts, washers. Shpg. wt., 5 oz.
47 C 0043 41

K **59-402 Duodecal TV Socket.** For use with oscilloscopes, other CRT's. 12 equally spaced pins on a circle diameter of 1.063″. Bakelite. Removable cap. Wt., 5 oz.
47 C 0100 93

L **Type 49-SS11L Magnal.** Has 1¹⁄₁₆″ pin circle to accept 11-prong cathode-ray tubes. Low-loss steatite. Steel retaining ring for quick assembly. 1⅝″ mounting hole. 7 oz.
47 C 0090.............1.59

We can furnish the complete line of Amphenol, Pomona, and Eby sockets. Write for data on types not listed in this catalog.

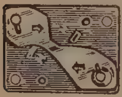
Sockets and Adapters, Circuit Board Kit

6, 8 AND 10-ICS SOCKETS FOR INTEGRATED CIRCUITS

Socket designed for integrated circuits that mount in 6, 8, or 10-lead TO-5 cases. For printed circuit board mounting. Gives convenient means for installation, removal of integrated circuit. Diallyl phthalate. Shpg. wt., 1 oz.

Stock No.	Mfr's Type	No. of Contacts	EACH 1-24
47 C 0154	6-ICS	6	.54
47 C 0155	8-ICS	8	.65
47 C 0195	10-ICS	10	.72

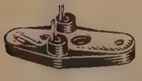
POWER TRANSISTOR SOCKET



Type 2-TS1. Rugged socket designed especially for power transistors. Made of wax-impregnated XP bakelite. Has formed thread for 6-20 screw. With .104/.110″ dia. hole in CR plate. Wt., 2 oz.
47 C 0713......**Each .12**

EBY SOCKETS AND ADAPTERS

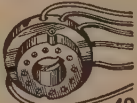
9866-15-1 TRANSISTOR SOCKET FOR TO-3 CASE



Socket for power transistors with TO-3 cases. One-piece design. High impact general purpose bakelite. Contacts are cadmium-plated brass. Special design mounting plate and terminal for complete electrical isolation of the base connection from the chassis. Shpg. wt., 1 oz.
47 C 0262...........................**.25**

TUBE SOCKETS

12

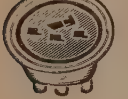


49

Above-Chassis Type 12-8. Octal socket. One-piece molded bakelite construction, for top-of-chassis or panel mounting. Mtg. ctrs. 1$^{11}/_{16}$″. Shpg. wt., 2 oz.
47 C 0258......................**Each .75**

TV Tube Socket Type 49-13DD. All-molded bakelite, duo-decal TV tube socket for magnetic or electrostatic focusing tubes. Complete with 18″ leads. Shpg. wt., 4 oz.
47 C 0291.....................**Each .96**

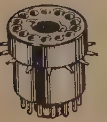
NUVISTOR SOCKETS



Type NU. For use with RCA Nuvistor electron tubes. NU-5 is a 5-pin type with mica-filled bakelite dielectric. NU-7 (not illus.) is a 7-pin saddle-mounting type of bakelite. 1 oz.
47 C 0260. NU-5..Ea. .24
47 C 0289. NU-7..Ea. .90

TEST SOCKET ADAPTERS

FOR COLOR TV CRT

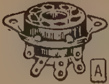


Type CA-1. Test point adapter for 21″ color TV picture tubes. Lets any serviceman test color CRT under actual conditions without removing tube or chassis from cabinet. Shpg. wt., 8 oz.
47 C 1384.......**Each 4.07**

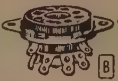
FOR BLACK-&-WHITE TV CRT

Type 1000. Socket adapter for testing black-and-white TV duo decal picture tubes. Easy to install or remove. External lugs permit check of all CRT pin voltages while set is operating. Wt., 3 oz.
47 C 0273.......**Each 1.11**

CINCH-JONES SOCKETS



A



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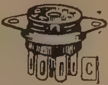


C

A **Type 8AB Octal Socket with 1$^{5}/_{16}$″ Mounting Center.** General-purpose socket molded from high-dielectric black bakelite. Has brass contacts and a steel pressed-on saddle with four ground lugs. Mounts in 1-in. chassis hole. Shpg. wt., 6 oz.
47 C 3369................**Pkg. of 5 for .70**

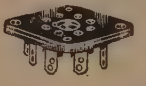
B **Octal Sockets With 1½″ Mounting Centers.** Similar to above, have clinch-on saddle with 4 ground lugs; mount in 1⅛″ hole. Ceramic unit for UHF use. **Pkg. of 5.** 4 oz.

Stock No.	Type	Description	PKG.
47 C 3371	8EB	Black bakelite	.70
47 C 3372	8EM	Mica filled	.85

Miniature Sockets—Bottom Mounting. Molded bakelite. Solder-coated brass contacts; cadmium plated steel saddle. 7EB mounts in ⅝″ hole; ⅞″ mtg. centers. 9EB mounts in ¾″ hole; 1⅛″ centers. Shpg. wt., 5 oz.

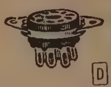
Stock No.	Type	Fig.	Description	EA.
47 C 1126	7EB	C	7-pin, bakelite	.12
47 C 1128	9EB	D	9-pin, bakelite	.14

WAFER-TYPE TUBE SOCKETS

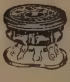


Laminated-bakelite tube sockets widely used in radio and TV sets, mobile units, etc. Have solder-coated brass contacts for easy soldering. *With center shield. **Pkg. of 5.** Shpg. wt., 4 oz.

Stock No.	Type	Centers	Pins	Pkg. of 5
47 C 0414	8W1	1$^{5}/_{16}$″	8	.65
47 C 0415	8W2	1½″	8	.65
47 C 0416	9W1*	1⅛″	9 (min.)	.70



D



E

OCTAL AND MINIATU TUBE SOCK

Miniature Sockets for Top of Cha Mounting. Durably constructed of mo bakelite. Brass contacts. Type 7AB1 moun ⅝″ hole; has ⅞″ mounting centers. Type mounts in ¾″ hole; has 1⅛″ mounting cen Av. shpg. wt., 2 oz.

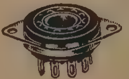
Stock No.	Type	Fig.	Description
47 C 1117	7AB1	C	7-pin, bakelite
47 C 1119	9AB	D	9-pin, bakelite

E **Type 8R1 Ring-Mounting Octal Sock** Molded black bakelite tube socket solder-coated brass contacts. Mounts in 1 keyed hole. With retainer ring. Chassis th ness, $^{1}/_{16}$″. **Pkg. of 5.** Wt., 2 oz.
47 C 3373..................**Pkg. of 5 for**

47 C 3375. Type 8 RO Retainer Ring. tra ring for above. Wt., 1 oz. **Pkg./5 for**

Type 8AP Adapter Plate. Rugged ada plate for use with ring sockets when scre rivet mounting is required. Adapter plate slotted 1½″ to 1⅞″ mounting centers; 1 keyed hole. Shpg. wt., 1 oz.
47 C 3376..................**Pkg. of 5 for**

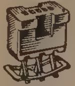
NOVAR SOCKET



Type 9NS-B. For 9 novar tubes. Top-mount Meets or surpasses standards. Molded ou high-dielectric black b lite. Has cadmium-pl brass contacts. Same mensions as octal sockets, above. With mounting center. **Pkg. of 5.** Wt., 3 oz.
47 C 1356..................**Pkg. of 5 for**

ELCO PRINTED-CIRCUIT AND TRANSISTOR SOCKETS

RETAINER MOUNT SOCKETS

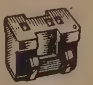


In-line sockets of mica-filled phenolic. For transistors and subminiature tubes. Contacts are gold flashed. Require retainers listed below. **Pkg. of 5.** Wt., 3 oz.

Stock No.	Type	Prongs	Pkg. of 5
47 C 1071	05-0799	3	.62
47 C 1089	05-0803	4	.77

Retainer Ring For Above Sockets. Designed for Type 05-0799 and 05-0803 transistor and miniature tube sockets above. 2 oz.
47 C 1096................**Pkg. of 5 for .07**

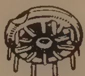
PRINTED CIRCUIT SOCKETS



Sub-miniature, mica-filled phenolic socket for use on printed circuit boards. For transistors and sub-miniature type tubes. All contacts gold flashed. Shpg. wt., 2 oz.

Stock No.	Type	Prongs	Pkg. of 5
47 C 5562	05-0786	3	.66

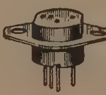
UHF PRINTED-CIRCUIT STANDOFF SOCKETS



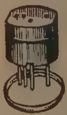
For 7 and 9-pin miniature tubes. Have low-loss, mica-filled insulators. Silver-plated, phosphor-bronze contacts. 4 oz.

Stock No.	Mfr's Type	Pins	Pkg. of 5
47 C 5521	05-0730-01	7	1.16
47 C 5526	05-0930-01	9	1.14

TRANSISTOR SOCKETS

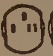


Saddle Mounting



Mounting Ring

Printed Circuit



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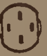

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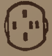
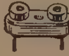


H

Subminiature m sockets eliminate and damage from rect soldering of t sistor pins. For 3 transistors with in pins or 3 and 4 transistors with pin .200″ dia. circle of any configuration. Conf to **MIL-P-14.** *Requires ring listed. Wt., 2

Stock No.	Type	Fig.	Mtg.	Pkg
47 C 1042	05-3301	F	Saddle	.
47 C 1043	05-3303	F	PC	.
47 C 1044	05-3304	F	PC	.
47 C 1045	05-3305	G	PC	.
47 C 1046	05-3307	F	*MR	.
47 C 1047	05-3308	G	*MR	.
47 C 1048	05-3313	H	*MR	1.
47 C 1049	65-00047220	Mtg. ring		.

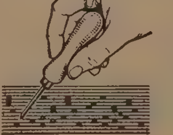
JAN CRYSTAL SOCKET



*MIL TS0205C01. For .486″ spacing. .050″ pin dia. 2 oz.

Stock No.	Mfr's Type	Pkg. of
47 C 5542	*05-0210-01	.66
47 C 5543	05-0210-04	.73

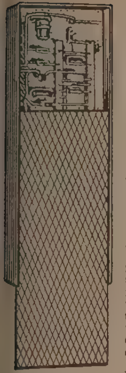
VERO MODEL BK-6 BOARD KIT



Basic circuit board kit with six Vero-boards and spot face cutter. Labo tories, experimenters, training institutes, hobbyists will find that new modular approach to circuit construction will save time, labor offer valuable training in the most advanced method of circuitry. W Vero-boards you can use components to virtually write a schema diagram on to the circuit board using the copper strips as supply li Lay parts on board with leads in holes, break strips with cutter, solder. In minutes you have a finished circuit without clips, termin wire or tools. Complete with instruction sheet. Shpg. wt., 2 lbs.
47 C 6001.......................................**5**

Vector Adapter and Breadboard Kits

VECTOR-PAK 28X HIGH-FREQUENCY CIRCUIT BREADBOARDING KIT



Vector-Pak 28X

Complete "RF tight" kit for packaging circuits operating at VHF frequencies, and up through UHF ranges where "plumbing" type lines are generally required. Virtually duplicates circuit performance achieved by more expensive construction techniques. Also permits making circuit and component changes very quickly and easily. Circuit may be slipped out without effort and replaced with another.

Kit consists of two parts: an 8½x3x2" aluminum case with 2 slide-out shield sides for ready access to the enclosed copper-clad circuit board; and the circuit assembly hardware. Case provides an RF-tight, completely shielded enclosure. Circuit assembly hardware includes: 1 pre-punched, copper-clad, epoxy glass Vectorbord (8⅛x3x1⁄16"); 4 standoff terminal strips with 8 terminals; 2 standoff terminal strips with 12 terminals; 3 punched wall strips (.64x1.94") with "L" mounting brackets, no terminals; 3 copper-clad punched strips for internal shielding (.90x2.85"); 50 "Miniklip" terminals; 1 terminal inserting tool; 1 pad cutter tool; 3 tetrode type transistor sockets, no saddle; 3 right-angle-mounting tetrode type transistor sockets; 2 power transistor sockets; 36 mounting screws (#0-80x5⁄16") with nuts; 1 socket wrench for nuts; 15 steel spacers; 10 epoxy glass transistor mounting pads; 1 roll of #24 copper wire, vinyl covered; 1 roll of tinned copper wire; 18 pieces of plastic tubing for copper wire with 1⁄16" O.D.; 50 eyelets (1⁄16x7⁄32").

All circuit components mount close to copper ground plane by using terminal strips, sockets and hardware. Less case, below. Shpg. wt., 2 lbs.

47 C 6034. Complete 28X Kit..............27.50

47 C 6036. Type HF-20-86/31 Case Only. With 2 sliding sides. Sturdy aluminum. Shpg. wt., 8 oz. **5.50**

Pad Cutter Tool

BREADBOARD ACCESSORIES

568-1C

Solderless Sockets. Reliable solderless "Springclips" are soldered to socket contacts. Up to 6 leads connect to each "Springclip" for fast, reliable connection. Sockets mount on any "A" or "AA" pattern. Vectorbord with furnished hardware. ¼ oz.

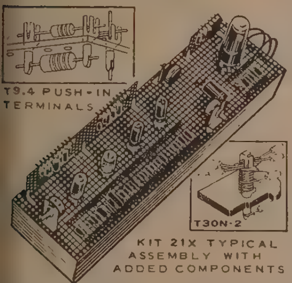
Stock No.	Mfr's Type	Description	EACH
47 C 5614	567-1C	8-Pin Octal	1.50
47 C 5615	568-1C	9-Pin Noval	1.65
47 C 5616	569-1C	7-Pin Miniature	1.35
47 C 5617	570B	4-Lead Transistor	1.20

B-20

B20 Pot and Switch Brackets. Aluminum brackets fit any "A" or "AA" Vectorbord. 2x1x¼".
47 C 5618. Shpg. wt., 4 oz...... **Pkg. of 4 for .48**

Bus Stripping. Brass strips .2" wide; .093" holes, .265" ctrs. Mount with T-9.4 terminals, T-30 clips or #4 self-tap screws. ("A" or "AA" pattern).
47 C 5620. T 58 8" Strips. ¼ oz... **Pkg. of 10 .77**
47 C 5619. T 57 16" Strips. ½ oz.. **Pkg. of 10 1.21**

EXPERIMENTERS' CHASSIS KITS



KIT 21X TYPICAL ASSEMBLY WITH ADDED COMPONENTS

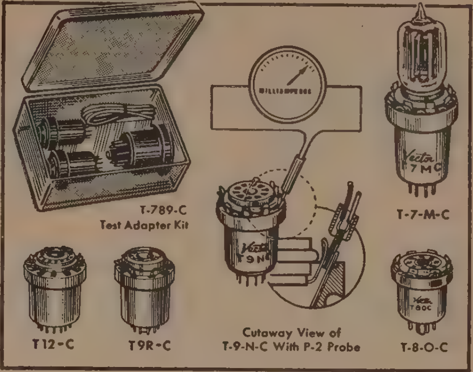
Designed for rapid setup of experimental circuits with simple hand tools. For tube or transistor circuits. Include push-in terminals, perforated XXXP phenolic decks, aluminum supports, T-30N-2 installation tool, spring pusher tool, hardware. Terminals: T-9.4 supplied with insert tool (push-in type requires soldering); T-30N-2 "Springclip" with winged washer for easy push-down, holds up to 6 wires tightly, without soldering, crimping, bending. New patchcords slip in between spring coils of solderless terminals and speed wiring. Type 20X has 1 deck; Type 21X has 1 large and 2 small decks, 8 patchcords; Type 22X has 1 large and 2 small decks, 6 patchcords; Type 22XA has 1 large deck plus 2 smaller decks, 14 patchcords; Type 25X has 1 large and 2 small decks, 10 patchcords, wood, aluminum parts. Shpg. wts.: 20X, 1 lb.; 21X, 2¾ lbs; 22X, 1¾ lbs.; 22XA and 25X, 3½ lbs.

Stock No.	Type	L. Deck	Small Deck	EACH
47 C 0906	20X	4¾x8½"	1⅜x1²⁹⁄₃₂x³⁄₃₂"; 1²⁹⁄₃₂x8½x³⁄₃₂"	6.75
47 C 0907	21X	4¾x17"	1⅜x1²⁹⁄₃₂x³⁄₃₂"; 1²⁹⁄₃₂x8½x³⁄₃₂"	16.75
47 C 0908	22X	4¾x8½"	1⅜x1²⁹⁄₃₂x³⁄₃₂"; 1²⁹⁄₃₂x8½x³⁄₃₂"	11.50
47 C 0945	22XA	8½x17"	1⅜x1²⁹⁄₃₂x³⁄₃₂"; 1²⁹⁄₃₂x8½x³⁄₃₂"	28.00
47 C 0909	25X	8½x17"	1⅜x1²⁹⁄₃₂x³⁄₃₂"; 1²⁹⁄₃₂x8½x³⁄₃₂"	21.45

KITS ABOVE INCLUDE THE FOLLOWING

Mfr's	Terminals			Patch-	Tube Sockets			Trans.Skts.	
Type	T-9.4	T-30 N-2	T-32A	cords	7P	8P	9P	3, 4P	Power
20X	75	0	0	0	3	3	3	0	0
21X	100	50	0	8	3	3	3	3	2
21X	75	20	0	6	3	0	0	6	6
22XA	100	100	18	14	0	0	0	6	2
25X	100	90	10	13	3	2	2	4	4

CURRENT/VOLTAGE-TEST TUBE-SOCKET ADAPTERS



T-789-C Test Adapter Kit

T-7-M-C

T12-C

T9R-C

Cutaway View of T-9-N-C With P-2 Probe

T-8-O-C

Type T-7-M-C Socket Test Adapter. Fits shield base for 7-pin miniature tube socket. Lets you make accurate voltage, current and waveform measurements from top-side of chassis. Tabs are a pair of spring contacts which separate electrically when optional Dual Side P-2 Probe (see table below) is inserted. Probe "breaks" circuit, and gives current or voltage reading to your meter. Electrostatic capacity approx. 1pF. Flash-over voltage, over 1500 VDC. Has phenolic shell, socket and plug. Length, less prongs, 1.47". Shpg. wt., ¾ oz.

T-8-O-C Socket Test Adapter. Fits 8-pin octal tube clamps. Same specs as T-7-M-C test adapter except lgth. less prongs is 1.5". Wt., 1½ oz.

T-9-N-C Socket Test Adapter. Fits into shield base for 9-pin miniature types. Has same specs as T-7-M-C test adapter. Shpg. wt., ¾ oz.

Type T-9-R-C Socket Test Adapter. Fits 9-pin Novar socket. Has same specs as T-7-M-C except length less prongs, 1.56". Shpg. wt., 2 oz.

Type T-12-C Socket Test Adapter. Fits 12-pin Compactron socket. Has same specs as T-7-M-C except length less prongs, 1.56". Wt., 2 oz.

Stock No.	Type	Socket	Body Dia.	Skirt Dia.	Oz.	EACH
47 C 6035	T-7-M-C	7-Pin Min.	.75"	1.03"	¾	2.53
47 C 6037	T-8-O-C	8-Pin Oct.	1.26"	1.56"	1½	3.19
47 C 6038	T-9-N-C	9-Pin Min.	.87"	1.16"	¾	2.70
47 C 4528	T-9-R-C	9-Pin Nov.	1.26"	1.56"	2	3.65
47 C 4527	T-12-C	12-Pin Comp.	1.26"	1.56"	2	3.85
47 C 6040	P-2	Dual Sided Plug-in Probe			½	.79

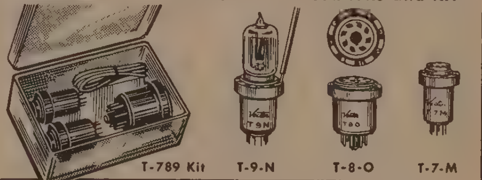
TYPE T-789-C COMPLETE 3-SOCKET ADAPTER KIT

Has T-7-M-C, T-8-O-C, T-9-N-C adapters, P-2 Probe, plastic case.
47 C 6039. Shpg. wt., 6 oz.......................................9.74

TYPE T-912-C-COMPLETE 2-SOCKET ADAPTER KIT

Has T-9-R-C, T-12-C adapters, P 2 probe, plastic case.
47 C 1902. Shpg. wt., 6 oz.......................................8.29

VOLTAGE-TEST TUBE-SOCKET ADAPTERS and KIT



T-789 Kit

T-9-N

T-8-O

T-7-M

Type T-7-M Socket Adapter. Similar to T-7-M-C above, but without current-measuring feature. Fits 7-pin miniature tube socket. Tabs on adapter designed to grip optional P-1 Probe, listed below. Flashover voltage in excess of 1500 VDC. Length, less prongs, 1.5". Wt., ½ oz.

Type T-8-O Socket Adapter. Fits standard 8-pin octal tube clamps. Has same specifications as T-7-M above. Shpg. wt., ¾ oz.

Type T-9-N Socket Adapter. Fits into shield base for 9-pin miniature types. Has same specifications as T-7-M above. Shpg. wt., ½ oz.

Stock No.	Mfr's Type	Socket	Shell Body Dia.	Shell Skirt Dia.	EACH
47 C 0040	T-7-M	7-Pin Min.	.75"	1.03"	1.65
47 C 0041	T-8-O	8-Pin Oct.	1.25"	1.56"	1.75
47 C 0042	T-9-N	9-Pin Min.	.87"	1.16"	1.85
47 C 0044	P-1	Plug-in Probe			.52

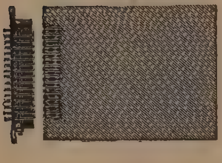
TYPE T-789 COMPLETE 3-SOCKET KIT

Includes all 3 of the voltage-test tube-socket adapters described above—Types T-7-M, T-8-O and T-9-N—plus a handy P-1 probe. Comes in sturdy plastic case. Shpg. wt., 6 oz.
47 C 0210. ....5.90

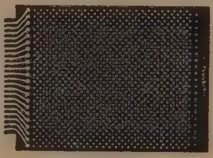
Terminal Boards, Terminals, and Knobs

VECTOR "PLUGBORDS," RECEPTACLES, "VECTORBORD" AND TERMINALS

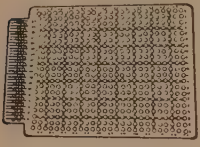
"PLUGBORDS" AND RECEPTACLES



R616-1 812



838-A



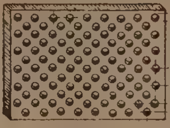
2536-WE

"Plugbords." Manufactured of sturdy 1/16″ thick epoxy paper, EXXXP per **MIL-P-22324** except * are 1/16″ epoxy glass, Grade G-10 per **MIL-P-18177.** All plugboards except Type 2536WE have grid of .062″ holes on alternate 0.1″ centers. Type 2536WE has .093″ holes on 0.2″ grid and number matrix for easy hole identification. Type 838PWE has an etched copper pad network. All contacts are on .156″ centers and .072″ wide except § .090″ wide. Av. shpg. wt., 2 oz.

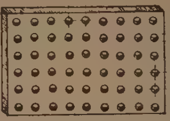
Stock No.	Mfr's Type	Size	No. of Contacts	EACH
47 C 0928	812	4½x6½″	16	2.24
47 C 5606	812WE*	4½x6½″	16	3.39
47 C 0927	837	3x4½″	12	2.24
47 C 5607	837WE	3x4½″	12	2.48
47 C 5609	838A§	4½x6½″	22	2.70
47 C 5611	838PWE*§	4½x6½″	22	3.51
47 C 5608	848WE*	4½x6½″	35	5.86
47 C 6022	838§	4½x6½″	43	3.74
47 C 6023	2536WE*	4½x6½″	35	6.70

Receptacles. All types come equipped with solder and taper tab leads. Av. shpg. wt., 3 oz.

Stock No.	Mfr's Type	No. of Contacts	For	EACH
47 C 6024	R612-1	12	837, 837WE	1.80
47 C 6026	R616-1	16	812, 812WE	2.24
47 C 5612	R644	44	838PWE, 838 and A	2.62
47 C 5635	R635	35	848WE, 2536WE	4.91



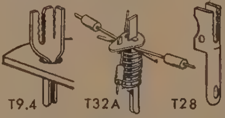
Pattern G



Pattern A, AA, B, F

"Vectorbord." F breadboardorprodu tion application No. suffix letters i dicate boards a phenolic, XXX per **MIL-P-3116** Suffix EP indicat epoxy pape EXXXP per **MI P-22324,** suffix W indicates epox glass, G-10 per **MIL-P-18177.** Patterns A, B, F, G are 1/16″ thick; AA 3/32″ thick. Patterns A and AA have .093″ holes on .265″ grid; B has .06 holes on .180″ grid; G has .062″ holes on staggered 0.1″ grid; F has .06 holes on .2″ grid. 17″ long except *8½″. Push-in T9.4 and T32A terminals, below, fit Pattern A and AA. T-28 fit B, F and G. Av. wt., 7 c

Stock No.	Mfr's Type	Width	Pattern	No. Holes	EACH
47 C 0916	85G24EP	4 13/16″	G	(85x23)x2	2.06
47 C 0917	32AA18	4 13/16″	AA	32x18	.84
47 C 0918	64A18	4 13/16″	A	64x18	1.25
47 C 0919	64AA18	4 13/16″	AA	64x18	1.60
47 C 0926	32AA9*	2 7/16″	AA	32x9	.60
47 C 5601	64A18WE	4 13/16″	A	64x18	3.72
47 C 5604	85G24WE	4 13/16″	G	(85x23)x2	3.81
47 C 5605	85F24EP	4 13/16″	F	85x23	2.06
47 C 6008	64AA18EP	4 13/16″	AA	64x18	2.73
47 C 6009	42G24WE*	4 13/16″	G	(42x24)x2	1.89
47 C 6005	45B30*	5⅝″	B	45x30	.84
47 C 6006	90B30	5⅝″	B	90x30	1.62
47 C 6007	64AA32	8½″	AA	64x82	2.45



PUSH-IN TERMINALS

Hold multiple leads, need no stakin Type T9.4 have slots for small a large leads. Type T32A spring cli hold up to six .05″-dia. wires witho soldering. T28 terminals are design for subminiature components. Shp wt., per pkg. of 100, 3 oz.

Mfr's Type	Fits Holes	Stock No.	PER PKG. OF 100	Stock No.	PER PK OF 1000
T9.4	.093″	47 C 0878	1.38	47 C 1437	9.79
T28	.062″	47 C 0879	1.55	47 C 1438	11.00
T32A	.093″	47 C 6046	9.90	47 C 6047	75.00

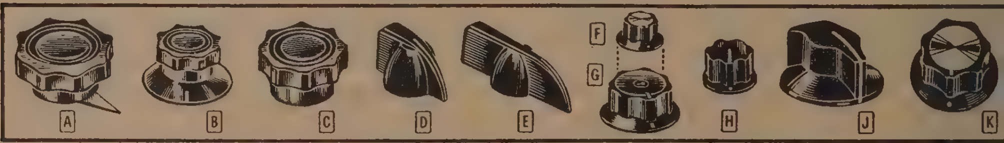
Insertion Tools. Simplify insertion of push-in terminals. Av. wt., 2 c

47 C 0601. Type P-91. For T28 terminals..........................5

47 C 0603. Type P-92A. For T30N-2 and T32A terminals.........5

47 C 0607. Type P-122. For T9.4 terminals.....................1.0

KURZ-KASCH MOLDED KNOBS



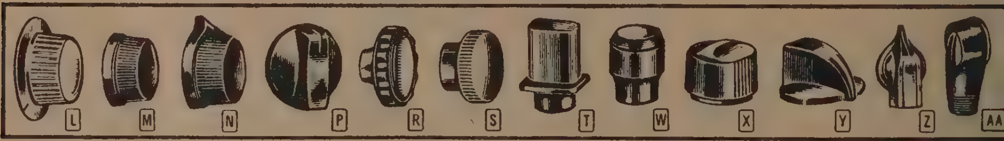
Figs. A-C are quality fluted knobs. Functionally designed—add custom appearance to Amateur and experimental equipment. Durable, high-gloss bakelite. †Have metal inserts with setscrew to fit flatted or round 1/4″ shafts. Av. shpg. wt., 4 oz. Fig. D-K are handsomely styled plastic knobs for replacement or original equipment use. *For dual concentr shafts. §Have aluminum inlay. All other knobs are equipped with se screws to permit use with either round or flatted 1/4″ shafts. Av. shp wt., 3 oz.

Stock No.	Fig.	Size	Color	EACH
47 C 3414	A	1⅛″	Black	.44
47 C 3415	A	1⅝″	Black	.49
47 C 3416	A	2⅜″	Black	.68
47 C 3417	C	1⅛	Black	.24
47 C 3418	C	1⅝	Black	.32
47 C 3419	C	2⅜″	Black	.49
47 C 3420	B	1½″	Black	.65

Stock No.	Fig.	Size	Color	EACH
47 C 3421	B	2 1/16″	Black	.72
47 C 3398	D	1¼″	Black	.11
47 C 3399	D	1¼″	Red	.11
47 C 3400	†D	1¼″	Black	.17
47 C 3401	E	2″	Black	.19
47 C 3402	E	2″	Red	.30
47 C 3403	†E	2″	Black	.28

Stock No.	Fig.	Size	Color	EAC
47 C 3406	F	¾″	Black	.18
47 C 3404	F	1¼″	Black	.18
47 C 3405	*F & G	¾″-1¼″	R & B	.30
47 C 3409	H	¾″	Black	.42
47 C 3410	J	1¼″	Black	.45
47 C 3411	§K	1¼″	Black	.37
47 C 3412	§K	1¼″	Red	.49

HARRY DAVIES MOLDED KNOBS



Handsomely designed molded plastic knobs for replacement or original equipment use. Knobs are ideal for volume and tone controls on television receivers, radios, high fidelity systems, test instruments, almost all types of electronic equipment. Fig. M and N are for small radios. *For knurled shafts; †screws onto 8-32 threaded shaft; #screws onto 6- threaded shafts; ‡self-locating friction fit for flat wire shafts; all otne equipped with set-screws to permit use with either round or flatt 1/4″ shafts. Shpg. wt., 3 oz.

Stock No.	Fig.	Size	Color	EACH
47 C 4127	L	1½″	Black	.16
47 C 4129	L	29/32″	Black	.17
47 C 4136	*M	11/16″	Black	.06
47 C 4134	M	11/16″	Black	.10
47 C 4137	M	1″	Black	.14
47 C 4138	N	11/16″	Black	.10

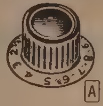
Stock No.	Fig.	Size	Color	EACH
47 C 4140	N	1″	Black	.15
47 C 4141	P	1⅛″	Black	.13
47 C 4142	P	1⅛″	Red	.13
47 C 4144	R	⅞″	Black	.14
47 C 4145	R	1¾″	Black	.20
47 C 4146	†S	¾″	Black	.09

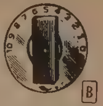
Stock No.	Fig.	Size	Color	EAC
47 C 4166	‡T	51/64″-½″	Black	.08
47 C 4168	#W	31/64″-½″	Black	.07
47 C 4170	X	¾″	Black	.13
47 C 4171	Y	1 3/16″	Black	.12
47 C 4175	Z	1¼″	Black	.13
47 C 4184	AA	1⅝″	Black	.20

Dials and Accessories, Knobs Couplings

NATIONAL CALIBRATED KNOBS

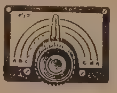
For any equipment. Types R, HRS-3, and HRS-5 are numbered 0-10 over arcs hown in scale column of table below. HRS-4 has single. etched center line. All it ¼″ shafts. HRS types of molded Tenite with chromed bevel dial; Type R of molded bakelite, flat aluminum dial. Av. shpg. wt., 2 oz.


A


B

Stock No.	Type No.	Fig.	Color	Scale	Dia.	EACH
47 C 2106	HRS-3	A	Black	0-10; 300°	1⁷⁄₁₆″	.66
47 C 2107	HRS-3	A	Gray	0-10; 300°	1⁷⁄₁₆″	.66
47 C 2125	HRS-4	A	Black	1-line	1⁷⁄₁₆″	.66
47 C 2126	HRS-4	A	Gray	1-line	1⁷⁄₁₆″	.66
47 C 2128	HRS-5	A	Black	0-10; 180°	1⁷⁄₁₆″	.66
47 C 2136	R	B	Black	0-10; 180°	1⅝″	.69

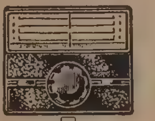
NATIONAL TYPE MCN VERNIER DIAL

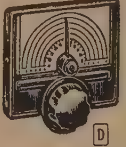


Small vernier dial with 5:1 drive. Perfect for mobile gear and small converters and tuners. Mechanism extends ¼″ below frame. Offers three blank calibrating scales and 0-100 logging scale. Black wrinkle finish. With hardware, and hub for ¼″ shafts. 2¾″ high; 3⅞″ wide. Shpg. wt., 10 oz.
47 C 2171..............................7 20

MILLEN MULTI-SCALE DIALS

C **Type 10035.** Deluxe illuminated slide-rule dial. Two built-in pilot lights provide even illumination. Has 12 to 1 drive with 4 blank scales for calibration and one 0-100 logging scale. Scale can be used on both sides. Clear plastic dial window. Ample panel space for 2 small controls. 8½″x6½″. Black finish. Shpg. wt., 2½ lbs.
47 C 3241..........10.54

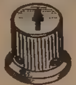

C


D

D **Type 10039 Midget Panel Dial.** Economy model. Drive ratio is 8 to 1. Totally self-contained mechanism eliminates back of panel interference; has 5 blank scales for calibration and one 0-100 logging scale. Black finish. Size, 4x3¼″. Shpg. wt., 13 oz.
47 C 3242..............................7.75

NATIONAL HR SERIES KNOBS

A matched line for industrial and consumer use. Made of molded Tenite in a variety of styles and sizes. All knobs in this series share a family resemblance, giving job a unitized appearance.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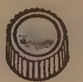
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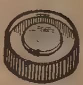
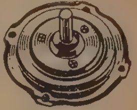

G

Stock No.	Type	Fig.	Description	Wt.	EA.
47 C 2180	HRM	E	Satin chrome finish. ⅝″ dia.	2 oz.	.96
47 C 2176	HR	F	Black; white dot. ¹⁵⁄₁₆″ dia.	2 oz.	.39
47 C 2177	HR	F	Gray; same as above	2 oz.	.39
47 C 2178	HRT	G	Black; chrome insert. 2⅛″ dia.	3 oz.	1.04
47 C 2185	HRT-M	G	Same as above, but 1½″ dia.	2 oz.	.58

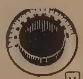
NATIONAL TYPE AVD-250 PLANETARY DIAL-DRIVE

Smooth-operating planetary vernier tuning mech. anism. Provides 5:1 tuning ratio. Output torque is 1-3 inch-pounds. Designed for front-of-panel mounting, has four ⁵⁄₃₂″ holes on 2⁵⁄₁₆″ mounting centers. For use with ¼″ control shafts. Has uninsulated output hub. Overall length, 1¹¹⁄₁₆″. Overall diameter, 2⁹⁄₁₆″. Drive shaft diameter, ¼″. Shpg. wt., 8 oz.
47 C 2025..............................2.63



NATIONAL CALIBRATED DIALS

Smooth operating, dependable, and attractive dials for a wide range of equipment. Knobs are black bakelite with dials of nickel-plated brass. 5:1 tuning ratio; have collars to fit ¼″ shafts. "N" Series has vernier scale readout; "AM" Series, dial pointer. *Measured from knob crest to mtg. plate back.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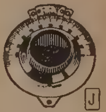
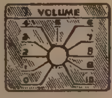

J

Stock No.	Mfr's Type	Fig.	*Depth	Skirt Style	Scale	Dia.	Wt. Oz.	EA.
47 C 2113	AM-2	H	1⁷⁄₁₆″	Beveled	0-100; 180°	3″	10	5.25
47 C 2150	AM-5	H	1⁷⁄₁₆″	Beveled	200-0; 360°	3″	10	5.25
47 C 2151	AM-6	H	1⁷⁄₁₆″	Beveled	0-150; 270°	3″	10	5.25
47 C 2000	N-2	J	1⅜″	Flat	0-100; 180°	4″	12	12.68

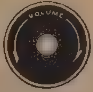
WALDOM DIAL PLATES

Square. Attractive anodized aluminum dial plates with black scales. Use with ¼″ bar knob. Gives custom look to hi-fi and P.A. amps, preamps, recorders, etc. Size, 2³⁄₁₆x2⅝″, with ¹³⁄₃₂″ center hole. Wt., 2 oz.



Stock No.	Type	Description	EACH
47 C 3121	426	Volume, 0-10	.41
47 C 3130	410	No title, 0-10	.41

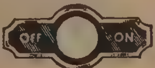
Round. Etched aluminum scale with black background. 1¾″ dia. Type 25 has clockwise arrow labeled "Volume." One-hole mtg. For amplifiers, modulators, phonos, etc. Use with 1¼″ bar knobs. ¹³⁄₃₂″ center-hole. 2 oz.



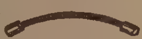
Stock No.	Type	Description	EACH
47 C 3131	25	Volume	.34
47 C 3135	569	0-100, 180°	.34
47 C 3136	905	0-100, 270°	.34

WALDOM SWITCH PLATE

Etched aluminum with black background. 1¹⁄₁₆x 1¹⁄₁₆″. Shpg. wt., 2 oz.
47C 3139 20



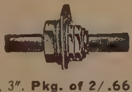
H. H. SMITH FLEXIBLE SHAFTS



Non-rusting phosphor-bronze flexible shafts with ¼″ hubs. Ideal for connecting out-of-line shafts together. Handy accessory for Amateurs, labs, etc. Permit up to 90 degrees angular control. Av. wt., 2 oz.
47 C 4088. Type 151. Length, 3″.........45
47 C 4089. Type 152. Length, 6″ .... .65

SMITH PANEL BEARING ASSEMBLY

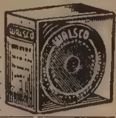
For use with couplings at right on panels up to ⁷⁄₁₆″ thick mounted away from controls. Brass bearing has stub for knob with ¼″ shaft on other side. Av. shpg. wt., 7 oz.



47 C 4090. Overall length, 3″. **Pkg. of 2/ .66**
47 C 4091. Overall length, 6″. **Pkg. of 2/1.00**
47 C 4092. Bearing only...... **Pkg. of 5/ .75**

WALSCO

DIAL CORD SPOOLS

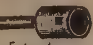


Cords with nylon sleeves over fiberglas or linen cores. Pre-stretched to prevent stretching and slipping; maintain proper tension. Av. wt., 4 oz.

Stock No.	Mfr's Type	Dia.	Strgth. (Lbs.)	Lgth. (Ft.)	EA.
47 C 3194	652-Med.	.040″	35	25	.83
47 C 3198	656-Thin	.025″	15	25	.83
47 C 3199	654-Std.	.032″	20	25	.83
47 C 3197	652-Med.	.040″	35	100	2.59
47 C 3195	656-Thin	.025″	15	100	2.59
47 C 3196	654-Std.	.032″	20	100	2.59

SMITH SHAFT FITTINGS

Coupling

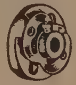

Extender

Couplings for extending shafts, or for ganging single units, even when shafts are not same diameter. Extenders for decreasing or increasing shaft diameter and for extending shaft length. 1st size is opening: 2nd, shaft dia. Extenders, ⅝″ shaft length; overall, 1⅛″. Av. wt., 4 oz. *brass; †insulated.

Stock No.	Type	Size	EACH
47 C 1105	Coupling*	¼ to ¼″	.22
47 C 1108	Extender*	¼ to ¼″	.35
47 C 1109	Extender*	⅜ to ¼″	.35
47 C 1111	Coupling†	¼ to ¼″	.20
47 C 1113	Extender†	¼ to ¼″	.30

HAMMARLUND COUPLINGS

Type FC-46S. Sturdy, slip-proof insulated flexible coupling. 4 set screws (2 on each side). For ¼″-dia. shafts. Shaft clearance, ⁵⁄₃₂″. Flash voltage, 5000 V. Size 1¼x¹³⁄₁₆″. Shpg. wt., 3 oz.
47 C 2403................1.50

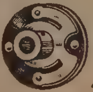


Type FNC-46S. As above, but non-insulated type. Nickel-plated brass ring. 1¼″ dia.x²³⁄₃₂″.
47 C 2404. Shpg. wt., 3 oz..............1.20

ACCURATE ELECTRIC

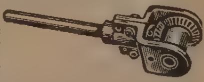
INSULATED COUPLING

10158. Connects shafts to switches, controls, etc. Bakelite insulation. For ¼″ shafts. With setscrews. Shpg. wt., 2 oz.
47 C 2405................ .53



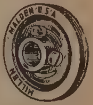
NATIONAL FRONT-PANEL RIGHT-ANGLE DRIVE

Type RAD. Front panel control for variable capacitors, potentiometers, etc., at right angles to panel. Saves space by permitting greater freedom in parts layout. May be used to drive two units. Die-cast aluminum housing and gears. 2½x¼″ shaft. Shpg. wt., 6 oz.
47 C 2173..............................4.31



MILLEN COMPONENTS

FLEXIBLE COUPLINGS

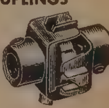


Provide high flexibility, no backlash, high breakdown voltages, small diameter, accurate alignment. 39001 insulated, 39006 slide-action type for eccentric shaft motion. 39005 (high torque) like 39001 but not insulated. 39016 (illus) molded as single unit to resist shock. All for ¼″ shafts. Shpg. wt., 2 oz.

Stock No.	Type	Description	EA.
47 C 3208	39001	Universal joint	.75
47 C 3212	39005	Universal joint	.75
47 C 3213	39006	Slide action	.75
47 C 3214	39016	Barrier	.75

MINIATURIZED COUPLINGS

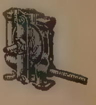
For limited space use. Type M006 (illus.) is universal joint style made of nickel-plated brass with steatite ceramic insulation and spring fingers. Type 39003 is solid brass for ¼″ shafts; M006 and M008 for ⅛″ shafts. Av. shpg. wt., 2 oz.



Stock No.	Type	Description	EA.
47 C 3205	M006	Univ. joint coupling	1.05
47 C 3206	M008	Insul., brass insert	.69
47 C 3207	39003	Solid brass coupling	.30

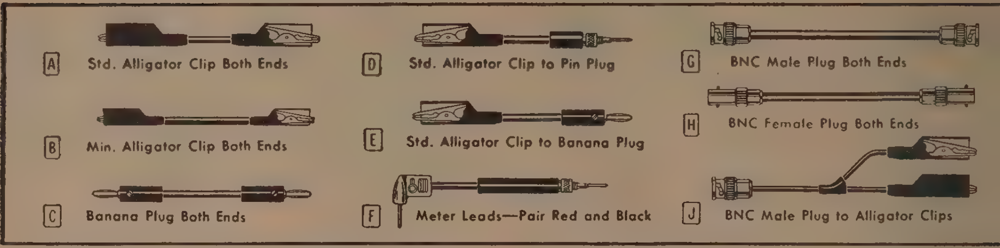
10000-A WORM DRIVE

Offers 16-to-1 step-down ratio. Rugged cast aluminum frame is drilled for secure mounting on panel or chassis base. Spring-loaded split gears for smooth action. ¼″ left/right-hand shafts. 3x2x2⅜″. Wt., 6 oz.
47 C 3216 ....15.4



Test Leads, Prods and Clips

H. H. SMITH SHIELDED AND UNSHIELDED TEST LEADS


A Std. Alligator Clip Both Ends
B Min. Alligator Clip Both Ends
C Banana Plug Both Ends
D Std. Alligator Clip to Pin Plug
E Std. Alligator Clip to Banana Plug
F Meter Leads—Pair Red and Black
G BNC Male Plug Both Ends
H BNC Female Plug Both Ends
J BNC Male Plug to Alligator Clips

Provide firm mechanical and electrical contact. Feature No. 18 AWG 20,000 volt insulated wire that is extra-flexible and kinkless. Handles are of molded tenite, and/or molded bakelite. Cadmium-plated steel clips.

Nickel-plated brass tips. Vinyl plastic boots. Shielded cable types u RG-58C/U coaxial cable, except *low-cap. cable. †Pair, red and bla #20 wire, 5 kV. Av. wt., 5 oz.

UNSHIELDED TEST LEADS

Stk. No.	Type	Ft.	Color	Fig.	EA.
47 C 1851	1596-12-102	1	Red	A	.47
47 C 1850	1596-12-103	1	Black	A	.47
47 C 1856	1596-36-102	3	Red	A	.51
47 C 1855	1596-36-103	3	Black	A	.51
47 C 1861	1596-60-102	5	Red	A	.55
47 C 1860	1596-60-103	5	Black	A	.55
47 C 1863	1597-12-102	1	Red	B	.47
47 C 1862	1597-12-103	1	Black	B	.47
47 C 1865	1597-36-102	3	Red	B	.51
47 C 1864	1597-36-103	3	Black	B	.51
47 C 1867	1597-60-102	5	Red	B	.55
47 C 1866	1597-60-103	5	Black	B	.55
47 C 1901	1863-12-102	1	Red	C	.72
47 C 1874	1863-12-103	1	Black	C	.72
47 C 1904	1863 36-102	3	Red	C	.76
47 C 1903	1863-36-103	3	Black	C	.76
47 C 1909	1863-60-102	5	Red	C	.80
47 C 1908	1863-60-103	5	Black	C	.80
47 C 1923	1865-36-102	3	Red	D	.
47 C 1922	1865-36-103	3	Black	D	.
47 C 1925	1865-60-102	5	Red	D	.6
47 C 1924	1865-60-103	5	Black	D	.6
47 C 1930	1866-36-102	3	Red	E	.6
47 C 1929	1866-36-103	3	Black	E	.6
47 C 1935	1866-60-102	5	Red	E	.6
47 C 1931	1866-60-103	5	Black	E	.6
47 C 4371	†0625	4	.....	F	1.5

COAXIAL-CABLE SHIELDED TEST LEADS

Stk. No.	Type	Ft.	Color	Fig.	EA.
47 C 1969	1589-12	1	Black	G	5.35
47 C 1973	1589-36	3	Black	G	5.55
47 C 1974	1589-60	5	Black	G	5.75
47 C 1979	1869-36	3	Black	H	6.30
47 C 1980	1869-60	5	Black	H	6.50
47 C 1986	*1537-12	1	Gray	J	5.35
47 C 1987	*1537-36	3	Gray	J	5.5
47 C 1990	*1537-60	5	Gray	J	5.7
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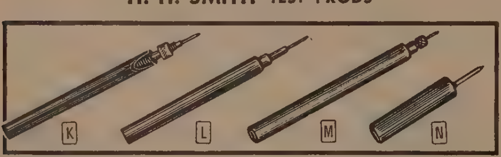
H. H. SMITH TEST PRODS



K **Type 302 Solderless Test Prod.** Threaded prod with 4″ long plastic handle, ⅜″ outer diameter. Nickel-plated phone tip. Wire fits through handle and body of plug, wraps around screw portion—secured by knurled collar. Shpg. wt., 4 oz.
47 C 2110. Red. **47 C 2111.** Black .... **Each .30**

K **Type 323 Solderless Fiber Test Prod.** Has 4″ bone fiber handle with extra large ¼″ inside diameter for heavy-duty wire. Body is nickel-plated brass. Wire fits through handle and body of plug, wraps around screw portion. Secured by knurled collar. Wt., 4 oz.
47 C 2258. Red. **47 C 2259.** Black .... **Each .30**

L **Type 319 Heavy-Duty Test Prod.** Threaded type with extra-sturdy brass. nickel-plated tip. Molded plastic handle, overall length 5³⁄₁₆″ long. ⅜″ outer dia. Fits standard phone tip jacks. Shpg. wt., 3 oz.
47 C 2375. Red. **47 C 2376.** Black .... **Each .30**

M **Type 317 Phono Needle Test Prod.** Brass, nickel-plated body with steel, nickel-plated phono-type needle. Has removable chuck for replacing broken needles. Needle pierces plating or corrosion to insure positive readings. Plastic handle 4¹³⁄₁₆″ long overall, ⅜″ O.D. Wt., 4 oz.
47 C 2373. Red. **47 C 2374.** Black .... **Each .30**

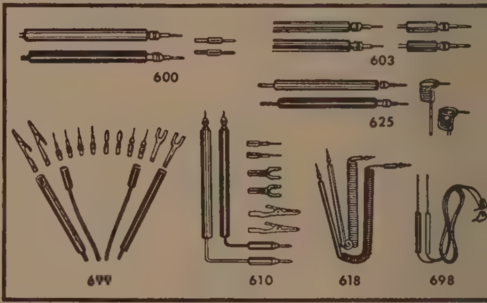
N **Type 363 Short Tip Jack.** Threaded type with brass, nickel-plated phone tip. Tip inserts flush in 4″ long, ⅜″ diameter insulated molded handle—reduces possibility of shock or grounding. Shpg. wt., 3 oz.
47 C 2223. Red. **47 C 2224.** Black .... **Each .21**

H. H. SMITH ALLIGATOR TEST LEADS

Cadmium-plated steel clips. Have vinyl plastic boots. *Have midget clips. Av. shpg. wt., 4 oz.

Stock No.	Type	Wire Lgth.	PER PAIR
47 C 4383	629	12″	92
47 C 4384	657	24″	.96
47 C 4385	716*	12″	.92
47 C 4386	717*	18″	.94
47 C 4387	718*	24″	.96

H. H. SMITH TEST LEADS AND TEST LEAD KITS



Unless otherwise indicated, leads have 50″ red and black kinkles rubber-covered wire; butyrate prod handles (one red, one black) 4″ lon ⅜″ outer dia. Brass phone tips, nickel plated.

Type 600. Solderless phone tips, meter end; phone tips on prod.
47 C 4359. Shpg. wt., 4 oz .... **Per Pair 1.0**

Type 603 All-Solderless. Red and black plugs, meter end. Solderle phone tips both ends. Shpg. wt., 3 oz.
47 C 4375 .... **Per Pair 1.3**

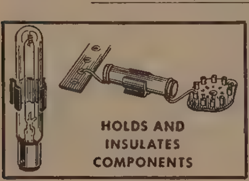
Type 610 Test-Lead Kit. Test leads with solderless phone tips c prods; banana plugs meter end. Tenite handles. Phone tips, Alligat clips, spade lugs that snap-on banana plugs. Shpg. wt., 4 oz.
47 C 4395 .... 1.9

Type 618 Stretch. 12″ coil extends to 6′. Tenite handles. Phone ti both ends. Shpg. wt., 6 oz.
47 C 4398 .... **Per Pair 3.0**

Type 625 Meter Leads. Solderless phone tips. Red and black elbow right-angle phone tips. Shpg. wt., 3 oz.
47 C 4371 .... **Per Pair 1.5**

Type 698 Slim-Jim. 3½″ cadmium-plated steel probes. Vinyl sp ghetti insulator. Red and black plastic elbows with phone tips.
47 C 4378. Shpg. wt., 4 oz .... **Per Pair 1.3**

Type 699 Universal Kit. 54¾″ leads. 4 phone tips, 2 alligator clip 2 needle tips, 2 banana plugs, 2 space lugs. In plastic kit.
47 C 4376. Shpg. wt., 5 oz 3.0



RICHCO PLASTIC COMPONENT CLIPS

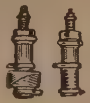
High-dielectric vinyl clips designed to hold and provide insulation for capacitors, resistors, batteries, fuses. Available in six sizes for components with diameters from ¼″ to 1″. Types V-1000 to V-1005 have one 3⁄32″ mounting hole: Type V-1008 has o 5⁄32″ hole; Type V-1010 has two 5⁄32″ holes, ¾″ apar All are ½″ long except V-1010, 1⅛″. *In Table refe to diameter of part being held. Wt., 3 oz.

Stock No.	Mfr's Type	Dia.*	PER PKG. OF 10
47 C 5223	V-1000	¼″	.29
47 C 5225	V-1002	⅜″	.30
47 C 5227	V-1004	½″	.31
47 C 5228	V 1005	9⁄16″	.31
47 C 5231	V-1008	¾″	.36
47 C 5233	V-1010	1″	.43

RF Chokes, Adjustable Coils and Coil Winder

J. W. MILLER COILS AND CHOKES

ADJUSTABLE CERAMIC RF COILS



Silicone-impregnated ceramic orms. Powdered iron cores. With mtg. hardware. **Standard:** Form size, ⅜″ diameter and 1¹⁄₁₆″ long; for ¼″ hole. **Miniature:** ¼x⅞″; for ³⁄₁₆″ hole. **Subminiature:** ³⁄₁₆x⅝″; ⁄64″ mtg. hole. Wt., 2 oz.

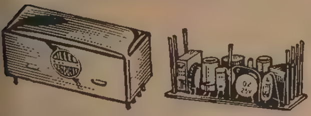
STANDARD

Stock No.	Mfr's Type	Min. µH	Max. µH	EACH
54 C 0982	4400 2	Form only		1.30
54 C 0983	4403	.99	1.50	1.83
54 C 0984	4404	1.60	3.10	1.86
54 C 0985	4405	3.30	6.50	1.89
54 C 0986	4406	7.30	14.0	1.95
54 C 0987	4407	16.0	29.0	2.01
54 C 0988	4408	33.0	66.0	2.10
54 C 0989	4409	74.0	124	2.16
54 C 0990	4410	138	238	2.19
54 C 0991	4411	270	451	2.22
54 C 0992	4412	495	76.0	2.25
54 C 0993	4413	825	1.30	2.28
54 C 0778	4414	1.40	2.00	2.28

MINIATURE

Stock No.	Mfr's Type	Min. µH	Max. µH	EACH
54 C 0870	4500-2	Form only		1.23
54 C 3930	4501	.44	.76	1.68
54 C 0871	4502	1.10	1.50	1.68
54 C 0872	4503	1.70	2.70	1.68
54 C 0873	4504	3.10	4.80	1.68
54 C 0874	4505	5.50	8.60	1.74
54 C 0875	4506	9.90	15.0	1.80
54 C 0876	4507	17.0	23.0	1.86
54 C 0877	4508	26.0	33.0	1.89
54 C 0878	4509	38.0	57.0	1.92
54 C 0879	4511	66.0	114	1.95
54 C 0880	4512	120	190	1.98
54 C 0881	4513	209	314	2.01
54 C 0882	4514	350	475	2.04
54 C 0781	4514-1	528	760	2.10

PRE-PACKAGED AND PRE-TUNED 455-kHZ IF STRIP



Complete 455-kHz IF strip simplifies construction of many projects. Offers excellent gain (55 dB) and selectivity (6 dB down at 8 kHz). Consists of a Miller Type 8901-B Input Matching Transformer and 8902-B IF Strip mounted on one board. Total of 21 components on PC board, including mechanical filter, two transistorized amplifiers and diode detector that can drive earphones. No alignment required. Size, ½x½x1½″. Shpg. wt., 3 oz.

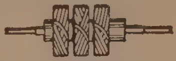
54 C 0099 .... 5.75

HIGH "Q" BROADCAST RF COILS

D High-efficiency, unshielded, iron-core coils. Adjustable core. Range indicated obtained using 365 pF variable capacitor. Mount in ¼″ hole. *Padder values shown for 455 kHZ IF. Size: ⅜x2″. Shpg. wt., 4 oz.

Stock No.	Mfr's Type	Use	kHz Range	EACH
54 C 4398	A-5495-A	Antenna	550-1700	1.89
54 C 4399	A-5495-RF	RF	550-1700	1.89
54 C 4400	A-5495-C	Std. Osc.	*400 pF	1.89
54 C 4401	A-5496-C	Tap'd Osc.	*400 pF	1.89

MOISTURE-RESISTANT RF CHOKES



Single layer or 3-pi universal winding insures low distributed capacity. Low loss molded phenolic or powdered iron core forms. Impregnated with moisture and fungus-resistant varnish. Operate into UHF region. Inductance tolerance ±20%. 1½″ leads. Phenolic form, ¾x³⁄₁₆″ dia. Iron core, ⅞x⁷⁄₃₂″ dia. Av. wt., 2 oz.

PHENOLIC FORM—SINGLE LAYER

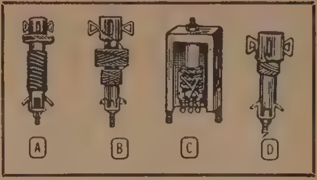
Stock No.	Mfr's Type	µH	Q Min.	Min. Fo(MHz)	EA.
54 C 2943	4580	.10	68	500	.54
54 C 2944	4582	.15	73	410	.54
54 C 2961	4584	.22	77	340	.54
54 C 3823	4586	.33	80	288	.54
54 C 3824	4588	.47	90	243	.54
54 C 3825	4590	.68	83	208	.54
54 C 3826	4592	.75	81	204	.54
54 C 3827	4594	.82	88	200	.54
54 C 3828	4602	1.00	60	190	.54
54 C 3829	4604	1.50	58	149	.54
54 C 3830	4606	2.40	56	120	.54
54 C 3831	4608	3.90	60	93	.54
54 C 3833	4609	5.50	57	80	.54
54 C 3834	4610	6.20	57	76	.57
54 C 3835	4611	8.20	57	65	.57
54 C 3836	4612	10.0	36	61	.57

IRON-CORE FORM—SINGLE LAYER

54 C 3837	4622	10.0	69	40	.63
54 C 3838	4624	15.0	62	33	.63
54 C 3839	4626	24.0	65	25	.66
54 C 3840	4628	39.0	70	20	.66
54 C 3841	4629	55.0	72	17	.69
54 C 3842	4630	62.0	83	16	.69
54 C 3843	4631	82.0	85	13	.69
54 C 3844	4632	100.0	107	12	.69

PHENOLIC FORM—3-SECTION

54 C 3845	4642	100	49	11.0	.69
54 C 3846	4644	150	53	8.80	.69
54 C 3850	4646	240	56	7.20	.69
54 C 3851	4648	390	57	5.60	.75
54 C 3853	4649	550	58	4.80	.75
54 C 3854	4650	620	59	4.50	.75
54 C 3855	4651	750	56	4.00	.75
54 C 3856	4652	1000	59	3.70	.75



MINIATURE ADJUSTABLE RF COILS

A Variable-inductance RF coils. Use with tuning capacitors of 250 to 450 pF capacity. Type 70-OSC coil has tapped secondary. 70 series installed self-supported. 71-OSC has 2-tap primary. Both track 100 to 550 kHz IF. Maximum size, 1¾x¾″ diameter. Av. shpg. wt., 4 oz.

Stock No.	Mfr's Type	Use	kHz Range	EACH
54 C 1972	69-OSC	Osc.	540-1600	1.20
54 C 0866	70-A	Ant.	540-1600	1.35
54 C 0867	70-RF	RF	540-1600	1.35
54 C 0868	70-OSC	Osc.	540-1600	1.20
54 C 0869	71-OSC	Osc.	540-1600	1.74

UNIVERSAL REPLACEMENT COILS

B Compact, variable-inductance iron-core coils for replacement use. Shielded type. Use with 250-450 pF variable capacitors. Oscillator coil has tapped secondary. 1⅜x1⅜x2½″. *Tapped sec., primary. 5 oz.

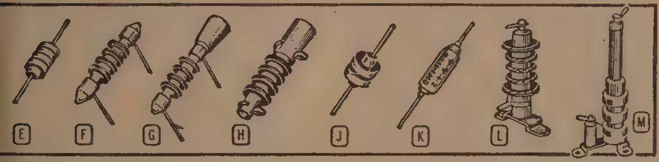
Stock No.	Mfr's Type	Use	kHz Range	EACH
54 C 0748	73-A	Ant.	500-1800	2.49
54 C 0749	73-RF	RF	500-1800	2.49
54 C 0752	73-OSC	Osc.	*100-550	2.49

PRINTED-CIRCUIT RF CHOKES

C Air-core RF chokes specifically designed for printed circuits. Offer wide range of inductances for use in transmitters, receivers, and test equipment. All are varnish-impregnated to resist moisture. Have printed-circuit mounting lugs. Forms are ⅞″ long. Maximum current rating: Types 970-978, 125 mA; 982, 984, 100 mA; 987, 75 mA; 994, 50 mA. Av. shpg. wt., 1½ oz.

Stock No.	Mfr's Type	mH	Ohms	Dia.	EACH
54 C 1061	970	1	20.6	1¹⁄₁₆″	.78
54 C 1063	972	1.5	26.4	¾″	.78
54 C 1067	975	2.7	37.4	¹³⁄₁₆″	.84
54 C 1068	976	3.3	41.8	¹³⁄₁₆″	.87
54 C 1070	978	4.7	51.8	⅞″	.87
54 C 1074	982	10.0	81.6	⅞″	.90
54 C 1076	984	15.0	105	¹⁵⁄₁₆″	.96
54 C 1079	987	27.0	145	1¹⁄₁₆″	1.02
54 C 1086	994	100	473	1¹⁄₁₆″	1.38

NATIONAL AND OHMITE GENERAL-PURPOSE RF CHOKES



R-175A for transmitters with plate supply up to 3000 volts modulated or 4000 volts unmodulated. For all bands from 80 through 6 meters. R-154U for 20 to 80-meter transmitters. R-33 types have 2 sections; R-50 types, 3 or 4 sections. †Vertical mtg. ‡Microhenries. 2 oz.

NATIONAL CHOKES

Stock No.	Type	Fig.	mH	mA	Ohms	EA.
54 C 1115	R-33	J	11‡	350	1.8	.36
54 C 1116	R-33	J	50‡	225	3.5	.36
54 C 1117	R-33	J	100‡	200	5.0	.36
54 C 1118	R-33	J	750‡	125	16	.36
54 C 1119	R-50	E	0.5	150	15	.42
54 C 1160	R-50	E	1.0	135	23	.42
54 C 1161	R-50	E	2.5	125	38	.42
54 C 1162	R-50	E	10.0	115	36	.72
54 C 1168	R-60	E	2‡	700	.06	.29
54 C 1169	R-60	E	4‡	700	.15	.29
54 C 1301	R-100	F	2.5	115	44	.57
54 C 1367	R-100	F	10.0	60	130	1.12
54 C 1368	†R-100U	G	2.5	115	44	.74
54 C 1495	†R-100S	H	2.5	115	44	.99

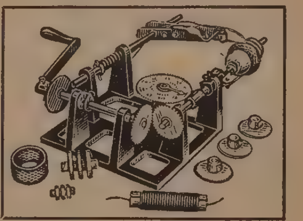
NATIONAL CHOKES (Cont'd)

Stock No.	Type	Fig.	mH	mA	Ohms	EACH
54 C 1497	†R-100S	H	10.0	60	130	1.49
54 C 1503	R-154U	L	1.0	600	6.0	2.01
54 C 1504	R-175A	M	145	800	5.0	4.46
54 C 1505	R-300	F	0.5	400	7.0	.57
54 C 1506	R-300	F	1.0	400	11	.57
54 C 1507	R-300	F	2.5	375	17	.74
54 C 1508	R-300	F	5.0	325	24	.90
54 C 1511	†R-300U	G	2.5	375	17	.92

OHMITE CHOKES

Stock No.	Type	Fig.	µH	mA	MHz	EACH
54 C 1548	Z-460	K	0.2	1000	320-520	.45
54 C 1549	Z-235	K	0.84	1000	160-350	.45
54 C 1550	Z-144	K	1.8	1000	80-200	.45
54 C 1551	Z-50	K	7.0	1000	35-110	.48
54 C 1552	Z-28	K	21	600	20-60	.60
54 C 1553	Z-14	K	44	600	7-35	.71
54 C 1554	Z-7	K	84	1000	3-20	1.44

MORRIS "COILMASTER" COIL WINDER



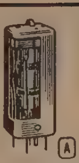
- Produces Self-Supporting, Universal and Honeycomb Coils
- Can be Used With #22 to #40 Wire

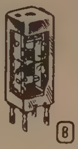
Accurate, easy-to-use hand-operated coil winder produces self-supporting, universal and honeycomb coils, plus solenoids, single-layer coils, etc. It's a big time-saver and gives your work a professional appearance. Indicator counts number of coil turns. Easily adjustable for pi-spacing and various diameter coil forms. Extremely versatile, it accepts No. 22 through No. 40 wire. 3 cams and 4 gears permit winding virtually all types of coils. Wire and coil forms not included. With instructions. Base size 5x5″. Shpg. wt., 4 lbs.

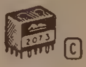
54 C 1053 .... 8.50

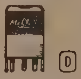
J. W. Miller Components

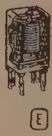
RF COILS AND IF TRANSFORMERS

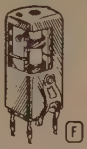


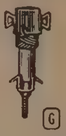


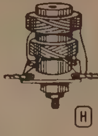


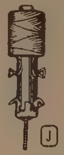


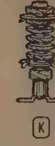












IRON-CORE IF TRANSFORMERS

A Intermediate-Frequency transformers manufactured with a core of high-quality powdered iron material. Designed for use in radio receiver construction. Powdered iron core gives the transformer better gain and selectivity than that obtainable in similarly constructed air core types. 1⅜″ square x 3¼″ high. 6-32 spade bolt mounting. Av. shpg. wt., 4 oz.

Stock No.	Type	kHz	Use	EACH
54 C 0711	612-H1	262	Input	2.43
54 C 0712	612-H2	262	Interstage	2.43
54 C 0713	612-H3	262	Full-Wave	2.43
54 C 0714	612-H4	262	Half-Wave	2.43
54 C 0715	612-C1	455	Input	2.43
54 C 0720	612-C2	455	Interstage	2.43
54 C 0721	612-C3	455	Full-Wave	2.43
54 C 0722	612-C4	455	Half-Wave	2.43
54 C 0723	612-W1	1500	Input	2.43
54 C 0724	612-W2	1500	Interstage	2.43
54 C 0725	612-W3	1500	Full-Wave	2.43
54 C 0726	612-W4	1500	Half-Wave	2.43

AIR-CORE TRANSFORMERS

A Constructed to provide excellent stability with moderate gain. Air-core transformers suitable for single or two-stage amplifiers. Low temperature-capacity drift for stability. 1⅜″ square x 2⅝″ high. 6-32 mounting. Av. shpg. wt., 4 oz.

Stock No.	Type	kHz	Use	EACH
54 C 0735	512-H1	262	Input	2.37
54 C 0736	512-H2	262	Interstage	2.37
54 C 0741	512-H3	262	Full-Wave	2.37
54 C 0742	512-H4	262	Half-Wave	2.37
54 C 0744	512-C1	455	Input	2.37
54 C 0745	512-C2	455	Interstage	2.37
54 C 0746	512-C3	455	Full-Wave	2.37
54 C 0747	512-C4	455	Half-Wave	2.37
54 C 0750	512-W1	1500	Input	2.37
54 C 0751	512-W2	1500	Interstage	2.37
54 C 0753	512-W3	1500	Full-Wave	2.37
54 C 0754	512-W4	1500	Half-Wave	2.37

MINIATURE IF TRANSFORMERS

B Shell-core, permeability-tuned IF transformers. Tunable powdered-iron cores. *Built-in diode filter capacitor. Size: ¾″ square x 2″. With all necessary mounting hardware. Av. shpg. wt., 4 oz.

Stock No.	Type	Freq.	Use	EACH
54 C 0727	12-C1	455 kHz	IF Input	1.74
54 C 0728	12-C2	455 kHz	IF Output	1.74
54 C 0787	12-C6	455 kHz	IF Output*	1.80
54 C 0718	12-C9	455 kHz	Input (AC-DC)	1.74
54 C 0719	12-C10	455 kHz	Output (AC-DC)	1.74
54 C 1317	12-C12	455 kHz	Tapped Pri.	2.04
54 C 1320	12-C45	455 kHz	Discriminator	2.85
54 C 0729	12-H1	262 kHz	IF Input	1.83
54 C 0731	12-H2	262 kHz	IF Output	1.83
54 C 0788	12-H6	262 kHz	IF Output*	1.89
54 C 1321	13-W1	1500 kHz	Input or Inter.	1.74
54 C 1322	13-W2	1500 kHz	IF Output	1.74
54 C 0732	1463	10.7 mHz	Input or Inter.	3.40
54 C 0733	1464	10.7 mHz	Discriminator	2.37
54 C 1323	1464-WB	10.7 mHz	Discriminator	2.52
54 C 0734	1465	10.7 mHz	Ratio Detect.	2.46
54 C 1324	1465-WB	10.7 mHz	Ratio Detect.	2.46
54 C 0789	6203	4.5 mHz	Input or Inter.	2.07
54 C 0790	6204	4.5 mHz	Discriminator	2.37
54 C 0791	6205	4.5 mHz	Ratio Detect.	2.37

MINIATURE IF PRINTED-CIRCUIT TRANSFORMERS

B For replacement and experimental use in receivers. Shell-core, permeability tuned. Tune from top and bottom of shield. ¾″ sq. x 2″. Supplied complete with mounting hardware. Av. shpg. wt., 4 oz.

Stock No.	Mfr's Type	Freq.	Use	EA.
54 C 1359	13-PC1	455 kHz	IF Input	1.74
54 C 1360	13-PC2	455 kHz	IF Output	1.74
54 C 1364	13-PC9	455 kHz	Input (AC-DC)	1.74
54 C 1365	13-PC10	455 kHz	Outpt. (AC-DC)	1.74
54 C 1712	1463-PC	10.7 mHz	Input or Inter.	2.04

10.7-MHz TRANSFORMERS FOR TRANSISTOR CIRCUITS

C **Subminiature Style.** IF and ratio detector transformers. IF transformers are ½″ high x 1 13/32″ square; ratio detector, ½x13/32x¾″. Supplied with mounting hardware. Av. shpg. wt., 2 oz.

Stock No.	Type	Use	EA.
54 C 0025	2070	1st IF Input	2.37
54 C 0028	2071	2nd IF Intstage	2.37
54 C 0029	2072	3rd IF Output	2.37
54 C 0038	2073	Ratio Detector	2.82

"MINI MINIATURE" TRANSISTOR IF TRANSFORMERS (455 kHz)

D Only ½″ high by 13/32″ sq. Same type of threaded tuning as microminiatures, above. For use with RCA 2N218 and 2N219 or 2N139 and 2N140; transistors. *Type 2065 is matching oscillator requiring tuning capacitor from 78 to 110 µF maximum tolerance. Av. shpg. wt., 3 oz.

Stock No.	Mfr's Type	Impedance	Use	EA.
54 C 2484	2066	50K-800 ohms	Input	2.22
54 C 2485	2067	30K-500 ohms	Instage	2.22
54 C 2486	2068	20K-5K ohms	Output	2.22
54 C 2488	2065	Matching Oscillator*		2.22

455-kHz IF TRANSFORMERS FOR TRANSISTOR CIRCUITS

E **Miniature Style.** Hi-Z tapped primary winding coupled to low-Z secondary. ¾″ high by ½″ square. *Primary-secondary. Av. shpg. wt., 3 oz.

Stock No.	Type	*Ohms	Use	EACH
54 C 0002	2031	10K-600	Input	2.64
54 C 0003	2032	10K-1000	Output	2.64
54 C 0896	2041	25K-600	Input	2.64
54 C 0973	2042	25K-1000	Output	2.64

MINIATURE "J-TRAN" TOP-TUNED IF TRANSFORMERS

F Units have hollow hexagonal-hole cores for either double or single-ended tuning. Mount by snap fastener. ¾″ square by 2″. Av. shpg wt., 4 oz.

Stock No.	Mfr's Type	Freq.	Use	EA.
54 C 1954	14-C1	455 kHz	IF Input	1.74
54 C 1955	14-C2	455 kHz	IF Output	1.74
54 C 2467	14-C9	455 kHz	Input (AC-DC)	1.74
54 C 2468	14-C10	455 kHz	Outpt. (AC-DC)	1.74
54 C 2469	6270	4.5 mHz	Input or Inter.	1.89

HORIZONTAL OSCILLATOR AND SYNC-STABILIZER COIL

Type 6183. (Not Illus.) Permeability tuned coil features dual windings for sync frequency and phase circuit. Has aluminum shield with 6-32 spade bolt mounting. Coil may be reversed in shield for top or bottom mounting. 1 7/16″ square by 2½″. Shpg. wt., 5 oz.
54 C 1089........................2.37

TRANSISTOR OSCILLATOR COILS

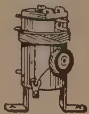
G **Type 2020.** Use in one-transistor osc. circuit. For 365 pF capacitor, 455 kHz IF, ⅝x1⅛″. Shpg. wt., 3 oz.
54 C 0895........................1.74

Type 2022. Similar to above, except for use with variable capacitor 78-100 pF, maximum. Shpg. wt., 3 oz.
54 C 0974........................1.74

H MIDGET OSCILLATOR COIL

Type 5480C. Use with pentagrid converter tubes; general replacement. When used with 365-pF variable capacitor, covers 540-1600 kHz. IF frequency, 455 kHz. For use unshielded. Series pad, .0004 µF. 1x1″. Shpg. wt., 4 oz.
54 C 0743 . . . . 1.35

CAPACITY-OPERATED RELAY COIL



Type 695. For alarm systen
window displays and other
pacity-operated devices. Co
sists of center-tapped oscilla
winding; adjustable grid cou
ling capacitor; RF choke
bakelite form. ⅞x2¼″ hi
Supplied with wiring diagra
Shpg. wt., 4 oz.
54 C 1057..............2.

TV OSCILLATOR SYNC STABILIZER (RINGING) COIL

J **Type 6210.** Has bakelite form with
mounting clip. 16-42 mH range. Size,
2½″. Shpg. wt., 2 oz.
54 C 1092........................1.

HORIZONTAL LINEARITY AND WIDTH CONTROLS

J Iron-core variable inductance coils for ho
zontal sweep circuits. Permit adjustme
over a wide inductance range to obtain
proper match for best operating characterist
Mounting clip fits 5/16″ hole; clip for 7/16″ h
with adapter also supplied. Size, ¾x2½″ lo
(maximum) on phenolic coil forms. Av. sh
wt., 4 oz.

Stock No.	Mfr's Type	Millihenries Range	E
54 C 1093	6313	.5-5	1.
54 C 1094	6314	2.0-18	1.
54 C 1095	6315	4.0-30	1.
54 C 1098	6319	8.0-60	1.
54 C 0049	6330	45-215	1.
54 C 0051	6195	.185 1	1.
54 C 0052	6196	.054-.245	1.

HIGH-VOLTAGE RF POWER SUPPLY TRANSFORMERS

K **Type 4525.** RF power supply transforn
for use in TV receivers, cathode ray oscil
scopes, other high-voltage equipment. Provi
voltage up to 5000 VDC. Size, 1¼″ dia. x 3
high. Shpg. wt., 4 oz.
54 C 1101 . . . . .6.

Type 4526. Provides voltage up to 10,000
DC (30,000 when used in a voltage rectifi
tripler circuit). Size, 2¼″ diameter x 6″ hi
Shpg. wt., 4 oz.
54 C 1102........................9.

VERTICAL-MOUNTING PRINTED CIRCUIT COILS

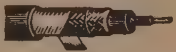
L "Velvetork" adjustable RF coils. Can
adjusted from either end of coil for
*RPC suffix omitted from Type No. †Ma
mum inductance at minimum core positi
Coil forms are ⅜-inch diameter and ¾-in
long. Av. shpg. wt., 3 oz.

Stock No.	Type 23A-*	µH†	Q Min.	Test Freq.	EAC
54 C 0755	107	.095	77	25.0 MHz	1.0
54 C 0756	227	.185	88	25.0 MHz	1.0
54 C 0757	337	.285	88	25.0 MHz	1.0
54 C 0758	827	.640	101	25.0 MHz	1.0
54 C 0759	106	.760	98	25.0 MHz	1.0
54 C 0760	156	1.20	65	7.9 MHz	1.0
54 C 0761	336	2.40	64	7.9 MHz	1.1
54 C 0762	686	4.60	64	7.9 MHz	1.1
54 C 0763	155	10.0	58	2.5 MHz	1.2
54 C 0764	225	14.8	61	2.5 MHz	1.2
54 C 0765	475	31.0	58	2.5 MHz	1.2
54 C 0766	685	43.5	56	2.5 MHz	1.2
54 C 0767	825	61.0	48	2.5 MHz	1.2
54 C 0768	224	160.0	63	790.0 kHz	1.2
54 C 0769	474	360.0	68	790.0 kHz	1.2
54 C 0770	824	700.0	64	790.0 kHz	1.3
54 C 0771	223	1.60	39	250.0 kHz	1.3
54 C 0772	473	3.40	42	250.0 kHz	1.3
54 C 0773	823	7.40	42	250.0 kHz	1.3
54 C 0774	222	12.10	20	79.0 kHz	1.3
54 C 0775	472	27.50	28	79.0 kHz	1.3
54 C 0776	822	50.00	34	79.0 kHz	1.3
54 C 0777	101	62.00	35	79.0 kHz	1.3

Belden Microphone and Special-Purpose Cable

RUBBER-COVERED MICROPHONE AND SHIELDED POWER-SUPPLY CABLE

ecommended for greater abrasion resistance and extra flexibility. Especially ited for installations where cable must make tight bends around corners or e perfectly flat. Available in single or multiple (up to 8) conductors. Type 8428 as heavy-duty neoprene jacket; Type 8413 is miniature-sized cable. Av. shpg. t., per 100 ft., 6 lbs.



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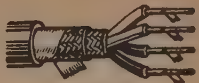
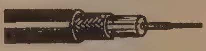


MULTIPLE

Mfr's Type	No. Cond.	AWG Stranding	Cap. pF	O. D.	Working Volts	50-FT. SPOOL		100-FT. SPOOL		250-FT. SPOOL	
						Stock No.	EACH	Stock No.	EACH	Stock No.	EACH
8410	1	25(7x33)	33	.245″	3600	55 C 7798	5.25	55 C 7799	9.75	55 C 7814	22.65
8412	2	20(26x34)	42	.268″	600	55 C 7827	5.80	55 C 7828	10.75	55 C 7829	24.70
8426	6	20(26x34)	40	.349″	600	....	....	55 C 7843	20.65	55 C 7844 U	51.00
8427	7	20(26x34)	40	.360″	600	....	....	55 C 7845	22.20	....	....
8418	8	20(26x34)	42	.386″	600	....	....	55 C 7846	25.50	55 C 7847 K	61.80
8428	2	18(41x34)	47	.295″	600	....	....	55 C 7848	14.65	....	....
8413	2	24(45x40)	38	.185″	300	55 C 7853	5.50	55 C 7855	10.15	....	....

VINYL PLASTIC-COVERED MICROPHONE AND SHIELDED POWER-SUPPLY CABLE

ower capacitance and loss figures than standard rubber-covered cables. esist ozone deterioration; have high resistance to oil, gasoline, and other hemicals. All are relatively light weight with small diameters. 8411 is ited for lapel or lavalier microphones. 8420 is a miniature type cable. v. shpg. wt., per 100 ft., 3½ lbs.



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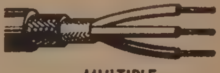
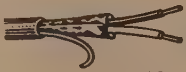


MULTIPLE

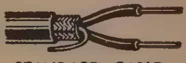
Mfr's Type	No. Cond.	AWG Stranding	Cap. pF	O. D.	Working Volts	50-FT. SPOOL		100-FT. SPOOL		250-FT. SPOOL	
						Stock No.	EACH	Stock No.	EACH	Stock No.	EACH
8401	1	25(7x33)	25	.200″	5000	55 C 7863	2.91	55 C 7864	5.35	55 C 7865	11.35
8411	1	25(7x33)	34	.144″	3500	55 C 7868	2.25	55 C 7869	4.20	55 C 7870	8.95
8422	2	22(16x34)	18	.231″	1000	55 C 7874	4.50	55 C 7875	7.85	55 C 7876	17.40
8403	3	20(26x34)	25	.245″	600	55 C 7878	5.60	55 C 7879	10.35	55 C 7880	23.25
8404	4	20(26x34)	25	.255″	600	....	....	55 C 7882	11.40	55 C 7883	26.25
8405	5	20(26x34)	25	.275″	600	....	....	....	....	55 C 7884	31.00
8420	2	24(45x40)	20	.185″	500	55 C 7888	4.00	55 C 7889	7.45	55 C 7890	17.50

STANDARD AND MINIATURE BROADCAST AUDIO CABLES

wo-conductor, color-coded cables. High insulation resistance and effective shielding eliminate noise and cross-talk. Have free stripping jackets, fast shield termination and small diameters. Tinned drain-wire prevents current loops. §Spiral-rapped. †Braided. Specify both Stock No. and Mfr's Type when ordering.



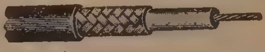
MINIATURE CABLE



STANDARD CABLE

lfr's ype	Type	AWG Stranding	O. D. Inches	Wkg. Volts	Shields	Jacket	Lbs., 100 ft.	100-FT. SPOOL		500-FT. SPOOL	
								Stock No.	EACH	Stock No.	EACH
437	CBS	22(solid)	.200	200	Copper†	Black Vinyl	3½	....	....	55 C 7451	22.65
441	CBS	22(16x34)	.210	200	Copper†	Black Vinyl	3	55 C 7893	5.85	55 C 7474	25.90
450	Miniature	22(solid)	.118	200	Alum.-"Mylar"§	Blk./Gray Vinyl	1½	55 C 7894	3.85	55 C 7895	14.20
451	Miniature	22(7x30)	.135	200	Alum.-"Mylar"§	Blk./Gray Vinyl	1¾	55 C 8562	4.38	55 C 7898	17.85

RG HIGH-FREQUENCY COAXIAL CABLE



ow-loss, flexible polyethylene inner jacket, copper-braid shield, ack vinyl jacket. Constant electrical characteristics regardless changes in freq. or temp. Type 8214 is excellent for use in CB d amateur Radio as 50-ohm antenna cable. *Indicates cable has cellular polyethylene foam core for very low losses even at ultra-high frequency. Black outer covering. 100-ft. spool only. Specify Stock Number and Manufacturer's Type when ordering.

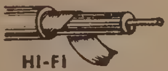
Stock No.	Mfr's Type	RG No.	AWG (Stranding)	O. D. (In.)	Imp. Ohms	Cap. pF/Ft.	Conductor	Lbs.	100-FT. SPOOL
55 C 7923	8237	8/U	13(7x21)	.405	52	29.5	Bare Copper	11¼	13.75
55 C 7387	8214*	8/U	11(7x19)	.403	50	26	Bare Copper	12	15.30
55 C 7927	8240	58/U	20(Solid)	.195	53.5	28.5	Bare Copper	3¼	4.95
55 C 7931	8216	174/U	26(7x34)	.100	50	30.4	Bare Copper	1	3.75

75-OHM AND 73-OHM RG COAXIAL CABLE FOR COLOR-TV LEAD-IN

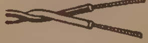
Stock No.	Mfr's Type	RG No.	AWG (Stranding)	O. D. (In.)	Imp. Ohms	Cap. pF/Ft.	Conductor	Lbs.	100-FT. SPOOL
55 C 7264	8238	11/U	18(7x26)	.405	75	20.5	Tinned Copper	10¼	11.85
55 C 7928	8241	59/U	22(Solid)	.242	73	21	Bare Copper	4	5.75

HI-FI, STEREO AND PHONO CABLES

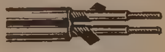
Make Allied Radio headquarters for all your electronic needs. You can depend on Allied for prompt service.



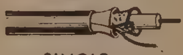
HI-FI



PHONO CABLE



DUAL CHANNEL



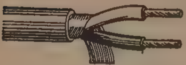
SINGLE

ave stranded conductors of tinned copper with vinyl or rubber insulation. Type 8421: Hi-fi cable, spiral wrap. Types 8430 and 8431: mono phono pickup applications. 8419 and 8429: dual channel, for stereo phono pickups. 8416: for stereo and language labs. 8417: single, miniature mono phono connecting cable. *Use two cables for maximum channel separation. †.106x.213.

Mfr's Type	Outer Jacket	No. Cond. & AWG	O. D.	Lbs., 100 ft.	25-FT. SPOOL		50-FT. SPOOL		100-FT. SPOOL		250-FT. SPOOL	
					Stock No.	EACH	Stock No.	EACH	Stock No.	EACH	Stock No.	EACH
8421	Chrome Vinyl	1-25(7x33)	.180	2¼	55 C 8781	1.71	55 C 8782	3.10	55 C 8783	5.05	55 C 8784	11.20
8431	Rubber	1-24(16x36)	.095	¼	55 C 9930	1.38	....	....	55 C 9931	4.38	....	....
8430	Vinyl	2-32(7x40)	.050	1¼	55 C 9927	.87	....	....	....	....	55 C 9928	5.20
8416	Chrome Vinyl	2-25(7x33)	†	2½	55 C 9382	1.86	55 C 9390	3.40	55 C 9391	5.95	55 C 9412	13.65
8429	Vinyl	2-32(7x40)	.057	1¼	55 C 9933	1.47	....	....	....	....	55 C 9934	10.05
8419	Vinyl	3-32(7x40)	.067	1½	55 C 8330	1.71	....	....	....	....	55 C 8333	12.25
8417	Chrome Vinyl	1-25(7x33)	.140	1⅓	55 C 7671	1.41	55 C 7672	2.27	55 C 7673	4.30	55 C 7674	9.30

Belden Sound-System and Intercom Cable

TWO AND THREE-CONDUCTOR SHIELDED CABLE



Variety of gauges, insulations, shieldings and jackets for PA and intercom use. All types listed in table below have tinned copper conductors. *Polyethylene insulated conductors, aluminum "Mylar" wrapped shield, stranded tinned copper ground wire. #Chrome vinyl jacket. §Spiral-wrapped tinned shield. ‡Braided tinned shield as jacket. †Vinyl insulated conductors. Type 8641, No. 24 stranded conductors (7x32). No. 22 stranded: 8735, 8761, 8771 (7x30). No. 20 stranded: 8762, 8772 (7x28). No. 18 stranded: 8760, 8770 (16x30). No. 22 solid: 8731. No. 16 stranded: 8780, (19x29). **Specify Stock No. and Mfr's Type.** Av. shpg. wt., 100 ft., 3½ lbs.

Mfr's Type	Cond.	O. D.	100-FT. SPOOL Stock No.	100-FT. SPOOL EACH	500-FT. SPOOL Stock No.	500-FT. SPOOL EACH
8208#	2	.255"	55 C 7555	7.90	55 C 7315 X	34.80
8641	2	.160"	55 C 7676	3.75	55 C 7677	15.00
8731*#§	3	.178"	......	......	55 C 7559	18.70
8735†‡	3	.199"	55 C 7563	5.70	55 C 7565	24.30
8760*#	2	.222"	......	......	55 C 7398	24.00
8761*#	2	.167"	......	......	55 C 7568	15.60
8762*#	2	.196"	55 C 7575	4.80	55 C 7577	19.90
8770*#	3	.236"	......	......	55 C 7401 U	30.40
8771*#	3	.175"	......	......	55 C 7442	19.65
8772*#	3	.200"	......	......	55 C 7489	24.75
8780†§‡	2	.266"	......	......	55 C 7430 X	34.45
8790†#§	2	.231"	55 C 7572	6.25	55 C 7573 U	26.70

TWO AND THREE-CONDUCTOR UNSHIELDED CABLE

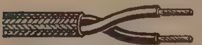
High-quality cable for PA and intercom installations, speaker extensions, alarm systems, etc. High insulation resistance. Have vinyl insulated, untinned conductors, except † which are tinned, and § stranded (19x29). Jackets of chrome vinyl, except 8794 which has rose-gray vinyl jacket and 8481, 8482, 8460, and 8470 which are twisted pair types without jacket. 8483 is cabled and without jacket. *Solid copper conductors. ‡Stranded (10x30). **Be certain to specify both Stock No. and Mfr's Type when ordering.**

Mfr's Type	Cond. & AWG	O. D.	Lbs., 100 ft.	Mfr's Type	Cond. & AWG	O. D.	Lbs., 100 ft.
8481*	2-22	.112"	1	8487*	3-19	.180"	2½
8794*	3-22	.168"	1½	8460†	2-18	.175"	1
8205‡	2-20	.190"	1½	8461†	2-18	.226"	3
8482*	2-19	.130"	1½	8470§	2-16	.195"	2¾
8483*	3-19	.132"	1¼	8471§	2-16	.256"	4
8486*	2-19	.162"	2	8473§	2-14	.332"	6

COST PER SPOOL

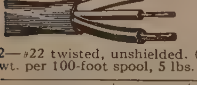
Mfr's Type	100-FT. SPOOL Stock No.	100-FT. SPOOL EACH	500-FT. SPOOL Stock No.	500-FT. SPOOL EACH
8481	55 C 7612	1.95	55 C 7614	6.25
8794	......	......	55 C 7642	12.15
8205	55 C 7597	3.10	55 C 7600	11.40
8482	55 C 7616	2.45	55 C 7631	8.80
8483	55 C 7633	3.15	55 C 8563	12.45
8486	......	......	55 C 7636	11.35
8487	......	......	55 C 7638	15.40
8460	55 C 7602	3.45	55 C 7603	13.35
8461	55 C 7610	4.40	55 C 7434	17.85
8470	......	......	55 C 7436	17.85
8471	......	......	55 C 7611	22.30
8473	......	......	55 C 7327 U	36.75

TWO-CONDUCTOR SHIELDED CABLE



For speaker systems, intercoms All have vinyl plastic insulation and jackets. except 8758 which has copper braid jacket. Tinned conductors *Tinned copper, spiral-wrapped shield. Black/Red coding. Shpg. wt., per 100 ft. of cable, 2½ lbs.

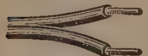
Mfr's Type	AWG Stranding	O. D.	100-FT. SPOOL Stock No.	100-FT. SPOOL EACH	500-FT. SPOOL Stock No.	500-FT. SPOOL EACH
8737*	22 (7x30)	.170"	55 C 7644	4.05	55 C 7447	17.85
8758	20 (7x28)	.165"	55 C 7647	4.70	55 C 7648	19.05
8759*	20 (7x28)	.195"	55 C 7649	5.05	55 C 7666	21.00
8739*	22 (Solid)	.160"	55 C 7645	3.85	55 C 7449	16.20



VINYL "JUKE BOX" CABLE

Stranded, color-coded, tinned copper conductors. Type 8783: 1—#20, 2—#16. Type 8786 (oval): 4—#24 twisted under shield, 2—#22 twisted, unshielded. (All shields tinned copper braid). Av. shpg. wt. per 100-foot spool, 5 lbs.

Mfr's Type	Cond.	O. D.	100-FT. SPOOL Stock No.	100-FT. SPOOL EACH	500-FT. SPOOL Stock No.	500-FT. SPOOL EACH
8783	3	.250"	55 C 7775	6.45	55 C 7776 U	28.90
8786	6	.256"	55 C 7777	7.65	55 C 7778	34.50



VINYL "JUKE BOX" SPEAKER CABLE

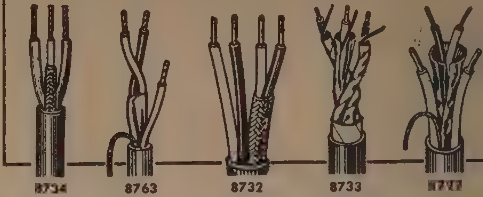
Type 8782. Two parallel conductors, 1 tinned, 1 bare; #24, 7x32 stranding. Vinyl insulation. Vinyl jacket. **In chrome, clear or white color, specify choice.** O.D., .058x115". Wt., 100 ft., 10 oz.

55 C 8828 C 50-ft. Spool..................................**1.11**

55 C 8829 C. 100-ft. Spool. **1.65** **55 C 7051 C. 500-ft. Spool**. **5.50**
55 C 7052 C. 1000-ft. Spool..................................**10.95**

Type 8649 Two-Conductor "Juke-Box" Cable. Same as above but #20, 7x38 stranding. **In chrome or clear. Specify color choice when ordering.** 100-ft. spools only. Wt., 10 oz.
55 C 7678 C. 100-ft. Spool..................................**2.43**

SPECIAL INTERCOM AND SOUND CABLES



Type 8734. 3 cond. (vinyl-ins.). Tinned copper shield on one; 2 unshiel ed. AWG: 22(7x30). Chrome vinyl jacket. Wt., 100 ft., 2¾ lbs.

Type 8763. 3 cond. (polyethylene-ins.). Aluminum-Mylar shield on 1 unshielded. #20 stranded grd. wire. Chrome vinyl jacket overall. AW 20 (7x28). Shpg. wt. per 100 ft., 3¼ lbs.

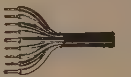
Type 8732. 4 cond. (polyethylene-ins.). 1 pr. tinned copper, shielde 1 pr. unshielded. 22 (7x30). Chrome vinyl plastic jacket. Shpg. wt., p 100 ft., 3 lbs.

Type 8733. 3 cond., separately aluminum-Mylar shielded. Ground w tinned cadmium-bronze. "Beldfoil Z" foil. AWG: 22 (7x30). Shpg. w per 100 ft., 3 lbs.

Type 8722. 4 cond. (vinyl-ins.): 2 alum.-Mylar shield on 2; unshielde Tinned grd. 20 (7x28). Chrome vin. jacket 100 ft., 4½ lbs.

Mfr's Type	Cond.	O. D.	100-FT. SPOOL Stock No.	100-FT. SPOOL EACH	500-FT. SPOOL Stock No.	500-FT. SPOOL EAC
8734	3	.194"	55 C 7685	5.05	55 C 7445	21.0
8763	2	.210"	......	......	55 C 7471	24.3
8732	4	.188x.296"	55 C 7684	6.55	55 C 7465	27.6
8733	3	.205"	55 C 7687	6.55	55 C 7329	27.6
8722	4	.260"	......	......	55 C 7675	30.7

MULTIPLE-CONDUCTOR CABLE (NOT PAIRED)

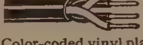


Top-quality multiple-conductor cable for permane installations of intercoms, speakers and control c cuits—as well as other applications requiring a high durable, flexible and lightweight cable. Conduct are non-paired, plastic-insulated, flexible tinn stranded copper wire, with color-coded plastic ins lation—all cabled together and enclosed in an over chrome vinyl jacket. All types are fully waterproof—oil, weather a tear-resistant—for long life under difficult environmental conditio Cables are flexible and easily stripped. *Have 2 conductors of No. stranded wire (16x30); other conductors are No. 22 stranded. **Spec both Stock No. and Mfr's Type when ordering.**

Mfr's Type	Cond.	AWG Stranding	O. D.	Mfr's Type	Cond.	AWG Stranding	O.
8443	3	22 (7x30)	.150"	*8446	6	18 (16x30)	.22
8444	4	22 (7x30)	.168"	*8448	8	18 (16x30)	.25
8445	5	22 (7x30)	.180"	*8449	9	18 (16x30)	.26

COST PER SPOOL

Mfr's Type	Weight Per 100-Ft.	100-FT. SPOOL Stock No.	100-FT. SPOOL EACH
8443	2 lbs.	55 C 7498	3.10
8444	2¼ lbs.	55 C 7504	4.15
8445	2½ lbs.	55 C 7510	4.80
8446	4 lbs.	55 C 7524	7.15
8448	4¾ lbs.	55 C 7536	8.55
8449	5 lbs.	55 C 7539	9.25

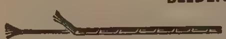


PAIRED VINYL UNSHIELDED CABLE

For intercom and telephone wiring. No. 22 so tinned copper except *No. 22 stranded (7x Color-coded vinyl plastic insulation. Conductors cabled in twisted pa chrome vinyl plastic overall. Provide a quiet circuit, free from crossta Vinyl plastic insulation for high dielectric strength. **Be certain to s cify both the Mfr's Type and the spool size desired when orderi**

Mfr's Type	Cond.	O. D.	Lbs., 100 ft.	100-FT. SPOOL Stock No.	100-FT. SPOOL EACH	500-FT. SPOO Stock No.	500-FT. SPOO EA
8442*	2	.165"	1½	......	......	55 C 7690	10.
8740	2	.150"	1¾	55 C 7691	2.40	55 C 7692	8.
8741	4	.201"	2½	55 C 7693	4.05	55 C 7455	16.
8742	6	.240"	3½	55 C 8565	5.35	55 C 7458	22.
8757	8	.225"	4	......	......	55 C 7407 X	28
8743	12	.305"	4¾	55 C 8572	8.40	55 C 7460 K	38.
8747*	12	.340"	5½	55 C 7697	10.45	55 C 7698 X	48.
8744	18	.354"	6½	55 C 8552	12.00	55 C 8553 U	56
8748*	18	.389"	8	55 C 7699	14.70	55 C 7002 U	70
8753	22	.384"	8	55 C 7700	14.85	55 C 7467 U	71
8754	26	.409"	11	55 C 8555	16.80	55 C 7476 Z	81
8745	30	.420"	10	55 C 7696	20.65	55 C 7462 Z	95
8755	38	.480"	15	......	......	55 C 7478 Z	123
8756	46	.510"	17¼	......	......	55 C 7480 Z	145.

BELDEN LITZ WIRE



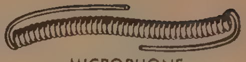
Type 8817. 5x44 stranded copper C enamel insulated with one nylon wr Specifically made for rewinding ant na primaries, hand-winding RF coils, IF coils and similar radio quency applications. Outside diameter, .008". Shpg. wt., 2 oz.
55 C 8981. 100-Ft. Spool..............................

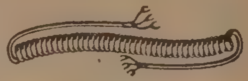
Belden Wire and Cable

RETRACTILE (COILED) MICROPHONE AND TELEPHONE CABLE

trong, coiled cables extend up to six times their ormal length. Conveniently retract out-of-way when ot in use. Have tinned cadmium-bronze conductors.

Mike cables have braided shield; except *unshielded. Types 8494 and 8495 are unshielded telephone cords with spade terminals and strain relief. Wt., ¼ lb.


MICROPHONE


TELEPHONE

Mfr's Type	No. Cond.	Description	Jacket	AWG Stranding	O. D. Inches	Extends		Stock No.	EACH
						From	To		
8497	3	Microphone Cable	Neoprene	23(21x36)	.250	11½″	6′	55 C 7279	1.56
8499	1	Microphone Cable	Neoprene	24(45x40)	.160	7½″	4′	55 C 7286	1.05
8490	5	Microphone Cable	Neoprene	23(21x36)	.265	11½″	6′	55 C 7613	1.62
8494	4	Telephone Cord	Vinyl	23(21x36)	.245	10″	4½′	55 C 7276	1.80
8495	3	Telephone Cord	Vinyl	23(21x36)	.220	10″	4½′	55 C 7277	1.41

#18 RUBBER-COVERED FLEXIBLE TEST-PROD WIRE

5x36 stranded, tinned copper, cotton wrap. 898: .230-inch O.D.; .088-inch insulation; 0,000 WV; 29,000 puncture volts. 8899: 44-inch O.D.; .045-inch insulation; 5000 VV; 20,000 puncture volts; available in green and yellow for patch cord ses. Shpg. wt., per 25′ spool, 8 oz.; 100′ spool, 2 lbs.; 500′ spool, 9 lbs.

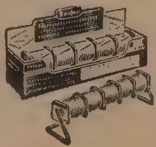
Type 8898— Red			Type 8898—Black		
Stock No.	Spool	EACH	Stock No.	Spool	EACH
55 C 7737	25′	2.10	55 C 7744	25′	2.10
55 C 7738	100′	5.40	55 C 7750	100′	5.40
55 C 7739	500′	22.65	55 C 7751	500′	22.65
Type 8899— Red			Type 8899—Black		
55 C 7759	25′	1.23	55 C 7763	25′	1.23
55 C 7760	100′	3.90	55 C 7764	100′	3.90
55 C 7761	500′	14.05	55 C 7765	500′	14.05
Type 8899—Yellow			Type 8899—Green		
Stock No.	Spool	EACH	Stock No.	Spool	EACH
55 C 7659	25′	1.23	55 C 7660	25′	1.23
55 C 7623	100′	3.90	55 C 7624	100′	3.90
55 C 7625	500′	14.05	55 C 7626	500′	14.05

SRIR THERMOPLASTIC HOOKUP WIRE

Ieavy-duty thermoplastic insulated hookup wire. Ianufactured to rigid industrial specifications. Rated 1000 volts, rms. Has tinned copper conductors ith .017″-thick insulation. Wire is available in black, rown, red, orange, yellow, green, blue, and white. **pecify your choice when ordering.** Av. shpg. wt. er 100-ft. spool, 1 lb.

Mfr's Type	Size	Strands	Outside Diameter	100-Ft. Spool	
				Stock No.	EACH
8525	24	7x32	.058″	55 C 7244 C	1.34
8530	22	Solid	.059″	55 C 7218 C	1.23
8524	22	7x30	.064″	55 C 7219 C	1.47
8529	20	Solid	.066″	55 C 7220 C	1.47
8523	20	10x30	.070″	55 C 7221 C	1.67
8522	18	16x30	.080″	55 C 7110 C	2.10
8528	18	Solid	.074″	55 C 7112 C	1.86
8531	16	Solid	.085″	55 C 7246 C	2.33
8521	16	26x30	.098″	55 C 7114 C	2.81
8520	14	41x30	.111″	55 C 7116 C	4.00
8527	12	65x30	.130″	55 C 7118 C	5.70

ASSORTED WIRE KITS



ype 8822. Handy kit contains ten 25-ft. spools Type 8529 hookup wire (described in table, oove) set in a convenient dispenser rack. Wire supplied in the following colors: black, blue, reen, red, white, yellow, orange, brown, gray, nd violet. Shpg. wt., 2½ lbs.

5 C 7226..........................6.60

ype 8824. Eight 25-ft. spools of Type 8523 ookup wire (see table above) and a dispenser ick. Colors supplied; black, blue, green, red, hite, yellow, orange, and brown. Shpg. wt., 2¼ lbs.

5 C 7227..5.76

SHIELDED HOOKUP AND GRID WIRE

ype 8885. Single conductor #20 randed (10x30) tinned copper conictor; .015″ rubber insulation; cellulose acetate yarn braid; lacqeured, nned copper braid shield. Break-down voltage, 4000 volts. Outside ameter .117″. Wt., 100 ft., 1¼ lbs. **Available only in lengths shown.**

5 C 7779 15-ft. Spool... 1.13 **55 C 7780 25-ft. Spool**... 1.50
5 C 7781 100-ft. Spool..............................4.50

COPPER BRAID SHIELDING AND BONDING CABLE

lexible, braided and tinned copper for shielding conuctors and cables. Braided in tubular form for easy ip-on. Av. shpg. wt. per 50 ft., 1½ lbs.

Mfr's Type	I. D.	Stranding	50-Ft. Spool	
			Stock No.	EACH
8660	⅛″	96x34	55 C 9350	2.25
8668	11/64″	120x34	55 C 9355	3.06
8661	⅜″	192x34	55 C 9360	3.65
8669	½″	336x34	55 C 9365	7.60
8662	25/32″	576x34	55 C 9380	10.75
8663	¼″	160x34	55 C 9843	3.80

STRANDED AND SOLID ANTENNA WIRE

High-conductivity copper wire features maximum tensile strength, minimum stretch. Polythermaleze type insulation protects against mechanical abuse. Av. shpg. wt., 100-ft., 1 lb.

STRANDED BARE COPPER

Type 8000– 7x22			Type 8002—7x24		
Stock No.	Spool	EACH	Stock No.	Spool	EACH
55 C 7680	50 ft.	1.32	55 C 7654	50 ft.	.96
55 C 7681	75 ft.	1.91	.....	.....	.....
55 C 7682	100 ft.	2.40	55 C 7656	100 ft.	1.65
55 C 7683	1000 ft.	21.90	.....	.....	.....

SOLID HEAVY POLYTHERMALEZE-INSULATED COPPER

Type 8008 No. 12			Type 8009 No. 14		
Stock No.	Spool	EACH	Stock No.	Spool	EACH
55 C 7670	100 ft.	4.50	55 C 7740	100 ft.	2.85
55 C 7661	150 ft.	6.40	55 C 7662	150 ft.	3.90
55 C 7736	500 ft.	19.80	55 C 7741	500 ft.	11.55

INDOOR ANTENNA WIRE

Type 8014. Extra flexible. No. 25 stranded (13x36), tinned copper conductor, with chrome vinyl plastic insulation. O.D., .044″. Shpg. wts.: 25-ft. spool, 2 oz.; 500-ft. spool. 2 lbs.

55 C 7930 25-ft...62
55 C 7933 500-ft...3.60

RADIO/MARINE ANTENNA WIRE

Type 8201. Tinned copperweld #20(7x28) antenna wire, for marine and other applications. Encased in brown weather resistant polyethylene. O.D., .278″. Shpg. wt. per 100 ft., 3½ lbs.

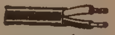
55 C 7663 100-ft. Spool..............................4.50
55 C 7664 500-ft. Spool..............................18.60

HEAVY POLYTHERMALEZE MAGNET WIRE

High temperature magnet wire for a wide variety of coil winding applications. Features heavy polythermaleze insulation; withstands winding abuse and forming operations; resists the solvent action of all types of thinners; resists softening and brittleness when used at extreme temperatures. Temperature rating, 180°C. Excellent moisture resistance.

½-lb. Spool				1-lb. Spool			
Stock No.	Size	Feet	EACH	Stock No.	Size	Feet	EACH
55 C 8036	14	40	1.29	55 C 8086	14	80	2.16
55 C 8037	16	63	1.29	55 C 8087	16	126	2.25
55 C 8038	18	100	1.32	55 C 8088	18	199	2.37
55 C 8039	20	157	1.35	55 C 8089	20	315	2.37
55 C 8040	22	250	1.37	55 C 8090	22	501	2.37
55 C 8041	24	396	1.41	55 C 8091	24	793	2.45
55 C 8042	26	630	1.49	55 C 8092	26	1260	2.61
55 C 8043	28	995	1.61	55 C 8093	28	1990	2.87
55 C 8044	30	1570	1.79	55 C 8094	30	3140	3.23
55 C 8045	32	2440	1.94	55 C 8095	32	4880	3.56
55 C 8046	34	3930	2.19	55 C 8096	34	7860	4.14
55 C 8047	36	6200	2.63	55 C 8097	36	12400	5.13
55 C 8048	38	9700	3.11	55 C 8098	38	19400	6.18
55 C 8049	40	16050	3.83	55 C 8099	40	32100	8.04

DUPLEX LIGHTING CABLE



Weatherproof 2-conductor stranded lighting cables for outdoor use only. Ideal for extending power lines to yard, garden, garage, barn, etc. Consist of two stranded, tinned copper, vinyl insulated conductors: one conductor brown vinyl, the other, red vinyl, running parallel through an oval-shaped, chrome vinyl outer jacket of .022″ thickness. Type 8677 is No. 16 AWG (19x29); O.D., .164x.276″. Type 8675 is No. 14 AWG (19x27); O.D., .189x.326″. Type 8673 is No. 12 AWG (19x25); O.D., .213x.384″. Av. shpg. wt., per 100 ft., 5 lbs.

Type	Stock No.	100 Ft.	Stock No.	500 Ft.
8677	55 C 7728	5.65	55 C 7729	26.55
8675	55 C 7730	7.45	55 C 7039 U	34.80
8673	55 C 7731	9.60	55 C 7042 U	46.80

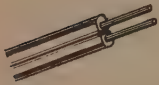
CATHODE-RAY-TUBE CABLE

High dielectric, corona resistant, minimum surface leakage CRT cables. No. 22 (7x30) tinned copper, polyethylene insulated. 8868 has red vinyl jacket; rated 25,000 V working; 50,000 V breakdown. 8869, black vinyl jkt.; 17,000 V; 35,000 V breakdown.

Mfr's Type	Insul.	Outside Diameter	100-Ft. Spool		
			Stock No.	Wt., Lbs.	EA.
8868	.065″	.150″	55 C 7770	1¾	2.93
8869	.029″	.120″	55 C 7773	1¼	2.43

Dearborn Wire and Cable

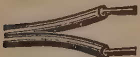
RUBBER (SP), PLASTIC (SPT) LAMP CORD



Two parallel No. 18 stranded copper wires for lamps and small appliances. Polarity ribbed. Meets U.L. requirements. 25-ft. and 100-ft. lengths. When ordering—specify length. Wt., per 100′, 3 lbs.

Mfr's Type	Jacket	Color	U.L. Type	25-Ft. Spool		100-Ft. Spool	
				Stock No.	EA.	Stock No.	EA.
SP	Rubber	Brown	SP-1	55 C 7983	1.31	55 C 7984	3.91
SP	Rubber	Black	SP-1	55 C 7998	1.31	55 C 7999	3.91
SPT	Vinyl	Brown	SPT-1	55 C 7988	1.23	55 C 7989	3.21
SPT	Vinyl	Black	SPT-1	55 C 7978	1.23	55 C 7979	3.21
SPT	Vinyl	Gray	SPT-1	55 C 8275	1.23	55 C 8289	3.21
SPT	Vinyl	White	SPT-1	55 C 7993	1.23	55 C 7994	3.21

"JUKE BOX" SPEAKER CABLE



Two parallel conductors of No. 24, 7x32 stranded wire—1 tinned, 1 bare. Vinyl inner insulation and vinyl jacket. O.D., .058x.115″. In choice of gray or clear—specify color desired. Shpg. wt., per 100′, 10 oz.

55 C 9905 C. 25-ft. Spool	.70	55 C 9906 C. 50-ft. Spool	1.05
55 C 9912 C. 100-ft. Spool	1.56	55 C 9913 C. 500-ft. Spool	5.18
55 C 9919 C. 1000-ft. Spool	10.35		

THERMOPLASTIC HOOK-UP WIRE

Type MW heavy-duty, thermoplastic-insulated hook-up wire. Rated 1000 volts rms at 80°C. Tinned copper conductor with polyvinylchloride insulation; wall thickness. .016″. In choice of brown, red, orange, yellow, green, white, black, gray, violet or blue—specify color. Av. shpg. wt., 25′ spool, 6 oz.; 100′ spool, 1 lb.

Size	Strands	Nom. O.D.	25-Ft. Spool		100-Ft. Spool	
			Stock No.	EACH	Stock No.	EACH
#22	7x30	.056″	55 C 9723 C	.58	55 C 9724 C	1.39
#22	solid	.051″	....	....	55 C 9735 C	1.17
#20	7x28	.064″	55 C 9726 C	.65	55 C 9727 C	1.58
#20	solid	.058″	....	....	55 C 9737 C	1.39
#18	16x30	.075″	55 C 9729 C	.77	55 C 9730 C	2.00
#16	19x29	.091″	55 C 9732 C	.97	55 C 9733 C	2.65

ASSORTED RADIO-TV HOOK-UP WIRE

Stranded, and solid copper—some tinned and some untinned. Resistant to heat and moisture. Offers high conductivity with negligible loss. In assorted gauges, colors and types of insulation. Unlimited number of applications in chassis and subchassis wiring of radio and television receivers, transmitters, high-fidelity and public address equipment, kit building, etc.

55 C 9344. Six 25-ft. Coils. Shpg. wt., 1 lb.	Per Pkg. 1.45
55 C 9345. Five 100-ft. Coils. Shpg. wt., 2½ lbs.	Per Pkg. 3.35

FLEXIBLE TEST-PROD WIRE

Limp, rubber-covered wire ideal for test leads. Designed to withstand extremely high voltages; puncture test voltage, 20,000 volts. Insulation thickness, .046″. No. 20 conductor is 41x36 stranded. O.D., .137″. Choice of red or black in 100-ft. spools only. Wt., 2 lbs.

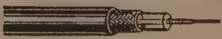
55 C 9474. Red, 100 ft. Spool	Each 3.35
55 C 9475. Black, 100-ft. Spool	Each 3.35

RUBBER-JACKETED SERVICE CORD

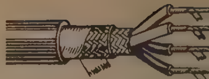
Quality-made, rubber-sheathed service cord. Stranded copper conductors have rubber insulation with black rubber jackets. Excellent for a wide variety of applications, including household appliances, garden and power tools, or wherever rough-usage extension cords are required. All types meet U.L. requirements and have maximum voltage ratings of 300 volts except types S #14 and S #10, 600 volts. Current capacity in amperes: SV #18 and SJ #18, 5 amps; SJ #16 (2 and 3 cond. types), 7 amperes; S #14, 15 amperes; S #10, 25 amperes. Available in standard 25′, 50′ and 100′ spools only—specify spool length desired. *No. of conductors. Av. shpg. wt., 100′ spool, 3 lbs.

U.L. Type	Ga.	*	O.D.	25-Ft. Spool		50-Ft. Spool		100-Ft. Spool	
				Stock No.	EA.	Stock No.	EA.	Stock No.	EA.
SV	#18	2	.250″	55 C 8336	1.95	55 C 8337	2.65	55 C 8349	5.29
SJ	#16	2	.340″	55 C 8353	2.50	55 C 8354	4.57	55 C 8361	9.14
SJ	#18	3	.345″	55 C 8380	5.00	55 C 8381	5.04	55 C 8382	10.08
SJ	#16	3	.375″	55 C 8384	4.05	55 C 8438	7.15	55 C 8450	14.30
S	#14	3	.560″	55 C 8628	10.85	55 C 8629	11.37	55 C 8630	22.74
S	#10	3	.690″	55 C 8631	14.50	55 C 8632	19.58	55C8633U	39.15

MICROPHONE CABLE



Single-Conductor



Multiple-Conductor

Plastic and rubber-jacketed mike cable with tinned, stranded co per conductors. All have tinned copper braided shield exce *tinned copper spiral shield. Plastic-jacketed types have plast insulation and rubber-jacketed types, rubber insulation. Multipl conductor types are color coded. Single-conductor type is especial suitable for lapel or lavalier mikes; 2-conductor types, for lo impedance mikes; 6-conductor type, for power supply cable. †N Conductors. Av. shpg. wt.: 25′ spool, 1 lb.; 100′ spool, 6 lbs.

PLASTIC JACKET

†	Size	O.D.	WV DC	25-Ft. Spool		50-Ft. Spool		100-Ft. Spoo	
				Stock No.	EA.	Stock No.	EA.	Stock No.	EA
1*	#22	.155″	2500	55 C 9420	1.49	55 C 9421	2.90	55 C 9422	5.2
2	#22	.231″	600	55 C 9423	3.55	55 C 9424	6.75	55 C 9425	10.3

RUBBER JACKET

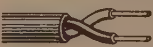
†	Size	O.D.	WV DC	100-Ft. Spool		250-Ft. Spool		500-Ft. Spool	
				Stock No.	EA.	Stock No.	EA.	Stock No.	EA
2	#20	.268″	600	55 C 9427	12.00	55 C 9428	28.25	55C9429U	56.0
6	#20	.349″	600	55 C 9430	22.25	55 C 9431 U	55.55	. . .	. .

MULTIPLE-CONDUCTOR INTERCOM CABLE (Not Paired)

Quality plastic-jacketed cable with multipl non-paired, plastic insulated conductors. E cellent for permanent installation of spea ers, control and intercom circuits, and oth applications requiring a highly durab lightweight cable. Conductors are of No. stranded copper wire; all are color-code

No. Cond.	O.D.	Lbs. 100′	25-Ft. Spool		50-Ft. Spool		100-Ft. Spoo	
			Stock No.	EA.	Stock No.	EA.	Stock No.	EA
3	.150″	2	55 C 9850	1.45	55 C 9851	2.50	55 C 9458	4.2
4	.168″	2¼	55 C 9852	2.00	55 C 9853	3.25	55 C 9854	4.7
5	.180″	2½	55 C 9855	2.10	55 C 9856	3.30	55 C 9857	5.7
6	.190″	3	55 C 9858	3.25	55 C 9859	5.55	55 C 9860	8.4
8	.195″	3¼	55 C 9861	3.90	55 C 9862	5.90	55 C 9461	9.7

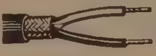
PAIRED UNSHIELDED INTERCOM CABLE (JACKETED)



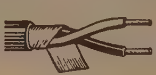
For intercom and telephone wiring. Colo coded conductors are No. 22 solid coppe cabled in twisted pairs with high-dielectr plastic jacket overall.

No. Cond.	O.D.	Lbs. 100′	25-Ft. Spool		50-Ft. Spool		100-Ft. Spoo	
			Stock No.	EA.	Stock No.	EA.	Stock No.	EA
2 (1 pr.)	.150″	1½	55 C 9863	1.25	55 C 9864	1.85	55 C 9453	2.7
6 (3 pr.)	.240″	3½	55 C 9865	2.75	55 C 9866	4.55	55 C 9867	6.0
8 (4 pr.)	.255″	4	55 C 9868	3.95	55 C 9869	6.00	55 C 8772	9.5

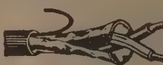
SHIELDED PLASTIC INTERCOM CABLE



A



B



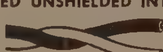
C

Two-conductor shielded cable for intercoms, sound and P. systems. All have plastic jackets with color-coded conductors. Fi A has tinned copper shield; Fig. B, spiral-type tinned copp shield; Fig. C, aluminum-wrapped shield with ground wire.

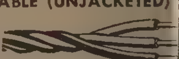
Size	O.D.	Fig.	Lbs. 100′	25-Ft. Spool		50-Ft. Spool		100-Ft. Spoo	
				Stock No.	EA.	Stock No.	EA.	Stock No.	EA
#22	.170″	A	4	55 C 9876	2.45	55 C 9877	4.15	55 C 9878	6.4
#22	.167″	C	1½	55 C 9879	2.10	55 C 9880	3.15	55 C 9442	4.8
#20	.184″	C	3	55 C 9881	2.30	55 C 9467	3.90	55 C 9468	5.2
#20	.195″	B	3½	55 C 9882	2.35	55 C 9438	4.00	55 C 9440	5.9
#22	.170″	B	3	55 C 9883	2.05	55 C 9432	3.05	55 C 9433	4.9

PAIRED UNSHIELDED INTERCOM CABLE (UNJACKETED)

D



E

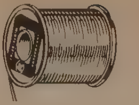


For speakers, alarm systems and other electronic application Conductors are No. 22 solid copper, plastic insulated and individu ly color-coded. Av. shpg. wt., 100′ spool, 1¼ lbs.

No. Cond.	O.D.	Fig.	25-Ft. Spool		50-Ft. Spool		100-Ft. Spoo	
			Stock No.	EA.	Stock No.	EA.	Stock No.	EA
2	.112″	D	55 C 9870	1.07	55 C 9871	1.50	55 C 9455	2.3
3	.132″	E	55 C 9872	1.52	55 C 9873	2.15	55 C 9874	3.2

Dearborn Wire and Cable

PLAIN ENAMELED MAGNET WIRE



Enamel-insulated, soft-drawn copper wire. Especially manufactured for all types of coil winding applications—transformers, RF coils, chokes, etc. All sizes are standard B&S gauge. **Available in 1-pound spools only.** Average shipping weight, per spool, 1 lb. 4 oz.

Stock No.	Size	Feet	Per Spool	Stock No.	Size	Feet	Per Spool
55 C 9995	#36	12,800	3.17	55 C 9990	#26	1200	2.02
55 C 9994	#34	7950	2.60	55 C 9989	#24	798	1.89
55 C 9993	#32	4900	2.39	55 C 9986	#22	501	1.69
55 C 9992	#30	3200	2.27	55 C 9979	#20	313	1.61
55 C 9991	#28	1999	2.21	55 C 9978	#18	198	1.56

HEAVY FORMVAR MAGNET WIRE

Copper magnet wire covered with Formvar; a tough, abrasion-resisting film. Stable dielectric is maintained under cumulative drying and aging effects of heat—does not fail after two hours at 105°C. Resists acid and alkali, impervious to effects of petroleum solvents. Infinite moisture resistance. Takes little winding space. Has many applications for technical service and industrial work. Specially useful in transformers, chokes, transmitters, and the repair and construction of electric motors. Replaces enamel, paper, cotton, silk, double cotton and double silk. **Available in 1-lb. spools only.** Av shpg. wt., 1 lb. 4 oz.

Stock No.	Size	Feet	PER SPOOL
55 C 8661	#26	1200	3.30
55 C 8365	#24	798	2.84
55 C 8265	#22	501	2.64
55 C 8258	#20	313	2.38

ASSORTED AUTOMOTIVE PRIMARY WIRE

Handy assortment of primary wire for automobile and boating applications. Each package includes five 25-foot coils of stranded No. 14 and No. 16 gauge wire in a variety of colors. Tough, colorful outer insulation permits quick identification of wiring systems and adds distinction to engine appearance in car or boat. This automotive wire resists flame, oil, gasoline, grease, acid, fungus, moisture absorption, and most solvents. Has high temperature stability and remains flexible at low temperatures. Automotive wiring applications include: horn button, radio, headlights, stop lights, tail lights, gasoline gauges, primary of distributor to primary of coil, cigarette lighter, heater, starter to generator or switch to starter. **Package includes five 25-ft. coils.** Shpg. wt., 1½ lbs.

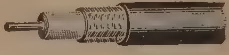
55 C 9875..**Per Pkg. 3.45**

TINNED BUS-BAR WIRE

Finest quality, soft-drawn solid copper wire. Tinned for easy soldering. Well suited for making non-insulated hook-ups in all types of electronic equipment. Excellent choice for grounding and tie-in circuits in high fidelity and PA amplifiers. 18-gauge and 20-gauge types suitable for shortwave antennas.

Size	O.D	100-Ft. Spool			1000-Ft. Spool		
		Stock No.	Lbs.	EACH	Stock No.	Lbs.	EACH
#26	.016″	55 C 7059	¼	.71	55 C 7053	1	3.45
#24	.020″	55 C 9183	¼	.73	55 C 9149	1½	3.75
#22	.025″	55 C 9168	¼	.75	55 C 9159	2¼	4.45
#20	.032″	55 C 9173	½	.88	55 C 9161	3½	6.10
#18	.040″	55 C 9178	¾	1.15	55 C 9163	5¼	8.55

75-OHM LOW-LOSS FOAM-TYPE COAXIAL CABLE FOR COLOR TV



RG-59/U-Type. Recommended by manufacturers as best antenna ead-in for color TV. Impedance, 75 ohms. Moisture resistant polyoam dielectric keeps moisture out, reduces signal loss by 35%, and ssures better picture quality. Ends strip quickly for connection to TV antenna and set. Suitable for Amateur and Citizens Band applications. Use Series TNC, BNC, BN, C, UHF, N, and push-on connectors. Per 100 ft., 4 lbs.

55 C 9363. 50-Ft...**3.95**
55 C 9352. 100-Ft...... **5.67** **55 C 9353.** 500-Ft............**22.37**

LOW-LOSS FOAM-TYPE RG COAXIAL CABLE

Foam construction for extremely low loss. Features cellular polyethylene inner dielectric which reduces signal attenuation by as much as 35% over standard RG coax. Excellent choice for use in community TV installations, and many other UHF and VHF transmitting and receiving applications. Type RG-8/U uses series N, C, HN and UHF-type connectors; Type RG-58/U uses series TNC, BNC, BN, C, UHF, N and push-on connectors. Both types listed have bare copper conductor.

Type	Imp. Ohms	Conductor	O. D.	pF per Ft.	Lbs. per 100′	50-Ft. Spool		100-Ft. Spool		500-Ft. Spool		1000-Ft. Spool	
						Stock No.	EA.	Stock No.	EA.	Stock No.	EA.	Stock No.	EA.
RG 8/U	50	13 (7x21)	.405″	26.0	10½	55 C 9354	7.50	55 C 9342 X	14.30	55 C 9343 X	58.12	55 C 9346 X	116.24
RG-58/U	53.5	20 solid	.195″	28.5	3	55 C 9357	3.50	55 C 9347	5.67	55 C 9348 X	22.05	55 C 9349 X	43.94

STANDARD RG HIGH-FREQUENCY COAXIAL CABLE

Rugged, high-quality coaxial cable for RF transmission line, antenna lead-in, test equipment leads, and similar communications uses. All have an efficient, low-loss, polyethylene inner dielectric. Outer plastic jackets are virtually impervious to acids, alkalis, oils, chemicals, humidity and weathering effects—suitable for underground applications. RG-8/U and RG-11/U types are for series N, C, HN and UHF connectors; RG-58/U and RG-59/U are for series TNC, BNC, BN, C, UHF, N and push-on connectors. RG-8/U and RG-58/U have bare copper conductors. RG-11/U has tinned copper conductor. RG-59/U has bare copperweld conductor.

Type	Imp. Ohms	Conductor	O. D.	pF per Ft.	Lbs. per 100′	25-Ft. Spool		50-Ft. Spool		100-Ft. Spool		500-Ft. Spool	
						Stock No.	EA.	Stock No.	EA.	Stock No.	EA.	Stock No.	EA.
RG-8/U	50	13 (7x21)	.405″	29.5	10½	55 C 9886	4.70	55 C 9887	7.50	55 C 9300	12.98	55 C 9301 X	55.13
RG-11/U	75	18 (7x26)	.405″	20.5	10	55 C 9888	4.75	55 C 9889	7.50	55 C 9303	11.20	55 C 9304 X	47.43
RG-58/U	53.5	20 solid	.195″	28.5	3	55 C 9894	2.00	55 C 9897	3.10	55 C 9307	4.68	55 C 9308 X	18.26
RG-59/U	73	22 solid	.242″	21.0	4	55 C 9848	2.40	55 C 9849	3.50	55 C 9310	5.45	55 C 9311 X	19.91

7mm IGNITION WIRE

Specially designed for spark plug connections. Single conductor tinned, stranded copper with high dielectric insulation. Available in your choice of two types: select the black neoprene jacket for severe operating conditions in automobiles, boats and trucks; choose clear polyvinylchloride insulation for standard duty use on all cars, boats and trucks. The clear jacket also provides a "dress up" appearance for the motor in "Hot Rods," racing cars, and custom motors. Available in 50, 100 and 500-ft. spools. Shpg. wts.: 50 foot spools, 2 lbs.; 100-foot spools, 4 lbs.; 500-foot spools, 9 lbs.

Insulation	Size	O. D.	Wall Size		Color	50-Ft. Spool		100-Ft. Spool		500-Ft. Spool	
			Inner	Outer		Stock No.	EACH	Stock No.	EACH	Stock No.	EACH
Rubber and Neoprene	#16 Stranded	.276″	.075″	.032″	Black	55 C 8601	5.30	55 C 8603	9.55	55 C 8514	43.50
Polyvinylchloride	#20 Stranded	.276″	.109″		Clear	55 C 8602	5.30	55 C 8513	8.95	55 C 8515	38.50
Polyvinylchloride	#20 Stranded	.276″	.109″	....	Red	55 C 8460	5.45	55 C 8461	8.95	55 C 8462	38.50

AUTOMOTIVE AND MARINE WIRE

Specifically designed for electrical connections in autos, trucks, and boats. Single conductor, stranded bare copper primary wire with color-coded polyvinylchloride insulation. Resists the damaging effects of flame, oil, gasoline, grease, acid and fungus. Also impervious to the deterioration caused by most solvents.

Conductor		O. D.	Wall Size	Color	Lbs. per 100′	50-Ft. Spool		100-Ft. Spool		500-Ft. Spool	
Size	Strands					Stock No.	EACH	Stock No.	EACH	Stock No.	EACH
#16	19x29	.102″	.102″	Brown	1¼	55 C 8604	1.80	55 C 8615	2.30	55 C 8608	10.50
#14	19x27	.123″	.023″	Green	2	55 C 8605	2.50	55 C 8616	3.20	55 C 8619	14.75
#12	19x25	.147″	.026″	Red	3	55 C 8606	2.70	55 C 8617	3.80	55 C 8620	17.95
#10	19x23	.183″	.031″	Black	4¼	55 C 8607	3.90	55 C 8618	5.75	55 C 8621 X	27.00

Tubing, Wire Markers, Cable Ties, Intercom Cable

ALPHA PVC, SHRINKABLE AND TEFLON TUBING

PVC 105 PLASTIC TUBING

Plastic tubing features high tensile strength per MIL-1-631D, ASTM-D876, ASTM-D922 (Type F, Form U, Grade C, Class 1, Category 1) specs. Available in sizes 24 to 12. Have 0.016″ wall thickness, except sizes 24 and 22, 0.012″. **Available in choice of Clear, Black or Red—specify color when ordering.** Av. wt. per 100 ft., 5 oz.

Stock No.	Size	Nom. I. D.	Per 100-ft. Coil 1-4	5-9	10-49
55 C 9269 C	24	.022″	2.43	2.11	1.80
55 C 9270 C	22	.027″	2.44	2.12	1.81
55 C 9271 C	20	.034″	2.49	2.16	1.85
55 C 9272 C	18	.042″	2.58	2.23	1.88
55 C 9273 C	16	.063″	2.72	2.35	1.96
55 C 9274 C	14	.066″	2.89	2.49	2.04
55 C 9275 C	12	.085″	3.07	2.64	2.16

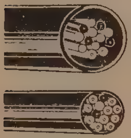
Sizes 10 to 2. Size 10, .016″ wall thickness; all other sizes, .020″. **Available in choice of Clear, Black, Red—specify color.** Av. shpg. wt. per 100 ft., 10 oz.

Stock No.	Size	Nom. I. D.	Per 100-ft. Coil 1-4	5-9	10-49
55 C 9281 C	10	.106″	3.27	2.81	2.35
55 C 9282 C	8	.133″	4.57	3.89	3.16
55 C 9283 C	6	.166″	5.19	4.41	3.52
55 C 9284 C	4	.208″	6.00	5.08	3.97
55 C 9285 C	2	.263″	6.91	5.84	4.50

Sizes 0 to 5/8″. Wall thicknesses, size 0, .020″; *.025; †.030″. **Choice of Clear or Black—specify color when ordering.** Av. shpg. wt. per 100-ft. coil, 5 lbs.

Stock No.	Size	Nom. I. D.	Per 100-ft. Coil 1-4	5-9	10-49
55 C 9292 C	0	.330″	7.98	6.73	5.14
55 C 9293 C	5/16″*	.312″	9.42	7.94	6.04
55 C 9294 C	3/8″*	.375″	10.81	9.09	6.91
55 C 9295 C	1/2″*	.500″	12.77	10.64	8.07
55 C 9296 C	5/8″†	.625″	16.38	15.30	11.73

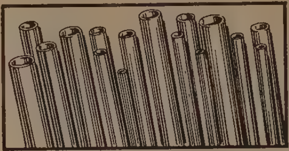
FIT-105 FLEX TUBING



Irradiated polyvinylchloride (PVC) provides snug, flexible insulation. Excellent for insulation over splices. Supplied at "Min. I.D." size shrinks to "Recov. I.D." size in only 7 seconds when heated to 325° F. Supplied in black only. **Write, Wire or Phone for Quantities Larger Than Those Listed.**

Size	Min. I.D.	Recov. I.D.	Wall Thick.	Stock No.	Wt., Lbs.	Per 25′ Coil	Stock No.	Wt, Lbs.	Per 100′ Coil 1-4	5-9
3/64″	.046″	.023″	.020″	55 C 8635	.1	2.95	55 C 8647	.1	9.15	7.10
1/16″	.062″	.031″	.020″	55 C 8636	.1	3.06	55 C 8648	.3	9.50	7.40
3/32″	.093″	.046″	.020″	55 C 8637	.1	3.48	55 C 8649	.5	10.15	8.45
1/8″	.125″	.062″	.020″	55 C 8638	.2	3.25	55 C 8650	1.1	10.70	9.85
3/16″	.187″	.093″	.025″	55 C 8639	.3	3.90	55 C 8651	1.4	12.80	12.00
1/4″	.250″	.125″	.025″	55 C 8640	.4	4.40	55 C 8652	1.4	16.30	14.88
3/8″	.375″	.187″	.030″	55 C 8641	.5	4.75	55 C 8653	2.0	17.75	16.39
1/2″	.500″	.250″	.030″	55 C 8642	.8	5.50	55 C 8654	4.5	17.36	13.30
3/4″	.750″	.375″	.035″	55 C 8643	1.3	6.90	55 C 8655	5.0	24.50	17.75
1″	1.000″	.500″	.040″	55 C 8644	2.2	9.30	....	...	....	......
1½″	1.500″	.750″	.045″	55 C 8645	3.9	14.50	....	...	....	......
2″	2.000″	1.000″	.050″	55 C 8646	4.5	20.15	....	...	....	......

TEFLON EXTRUDED FLEXIBLE TUBING



High temperature "Cla C" thin, flexible spaghet extruded from pure Teflon TFE fluoro-carbon resins uniform density and colo High degree of resistan to fatigue and stresses. No flammable, will not melt flow. Dielectric strengt 500-1000 V/mil. —67°C +260°C; 60 Hz to 1 MHz. Meets MIL-I-221292C, AMS-3653B, MIL-I-3158, MIL-104-C. Shp wt. per 100′ spool, 5 oz.

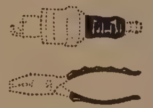
TYPE TFT 200 THIN-WALL TEFLON TUBING

Stock No.	AWG Size	Nominal Inside Dia.	Wall Thick.	100′ Spool EACH
55 C 9259	30	.012″	.009″	9.00
55 C 9260	28	.015″	.009″	8.00
55 C 9261	26	.018″	.010″	7.70
55 C 9262	24	.022″	.010″	7.70
55 C 9263	22	.027″	.010″	9.50
55 C 9264	20	.034″	.012″	12.00
55 C 9265	19	.038″	.012″	12.50
55 C 9266	18	.042″	.012″	12.98
55 C 9267	17	.047″	.012″	14.18
55 C 9268	16	.053″	.012″	14.53
55 C 9759	15	.059″	.012″	14.58
55 C 9760	14	.066″	.012″	16.04
55 C 9761	13	.076″	.012″	17.17
55 C 9762	12	.085″	.012″	18.48
55 C 9763	11	.095″	.012″	20.45
55 C 9764	10	.106″	.012″	22.04
55 C 9765	9	.118″	.015″	24.95
55 C 9766	8	.133″	.015″	27.52
55 C 9767	7	.148″	.015″	29.45
55 C 9768	6	.166″	.015″	31.82
55 C 9769	5	.186″	.015″	34.85

TYPE TFT 250 STANDARD-WALL TEFLON TUBING

Stock No.	AWG Size	Nominal Inside Dia.	Wall Thick.	100′ Spool EACH
55 C 8950	24	.022″	.012″	10.01
55 C 8951	22	.027″	.012″	11.23
55 C 8952	20	.034″	.016″	15.19
55 C 8953	18	.042″	.016″	18.70
55 C 8954	14	.066″	.016″	24.03
55 C 8979	12	.085″	.016″	27.41

SHRINKABLE TUBING ASSORTMEN

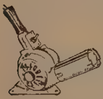


Shrinks to Cover Irregular Shapes

Type PVC FIT-105-MS-1 Assortment. Irr diated polyvinylchloride. Provides snu flexible insulation for cable jacketin cable markers. Use as insulation ov splices. Supplied at "Min. I.D." siz shrinks to "Recov. I.D." in only 7 se onds when heated to 325°F. Black. Ea tube 10″ long. Includes ten each: 3/64, 1/ 3/32, 1/8, 3/16, 1/4″ dia. (listed at lef Shpg. wt., 8 oz.

55 C 8658........................4.0

MASTER HEAT GUNS

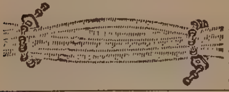


Two heat gun models that feature delivery of controlled heat up to 1000°F without the danger of an open flame. Perfect for use with shrinkable tubing, forming plastics, and forced drying. Type HG-501 is 14 amps, produces heat from 500°F to 750°F, HG-751 is 20 amps, provides 750°F 1000°F. For 110-120 volts. 60 Hz AC. Shpg. wt., 5 lbs.

55 C 8576. Type HG-501..............................49.

55 C 8574. Type HG-751..............................59.

RICHCO CABLE TIES



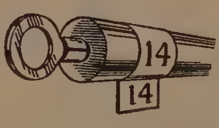
High-dielectric polyethylene with 45 lb. breaking-point. Withstand temperatures to +120°F. Each is 4¼″ long. 4 oz. 100 Per Pkg.

Stock No.	Type	Color	PKG. OF 100
55 C 7056	EZ-10	Red	1.20
55 C 7069	EZ-12	Blue	1.20
55 C 7057	EZ-11	Yellow	1.20

TALK-A-PHONE INTERCOM CABLE

No. Cond.	Mfr's Type	Lbs. 100′	50 Roll Stock No.	EA.	100′ Roll Stock No.	EA.	200′ Roll Stock No.	EA.
6	5506	3½	55 C 8063	5.50	55 C 8067	11.00	55 C 8068	22.00
11	9911	12	55 C 8064	10.50	55 C 8073	21.00	55 C 8074	42.00

BRADY SELF-STICKING WIRE MARKERS



Self-sticking, preprinted ½″ long 1½″) markers for permanent identi cation of wires and cables under .150 Provide positive coding of circuit panels, etc. Resists heat (to 250° F oil solvents. Thin for confined area Stocked in cards of consecutive nu bers or letters. Shpg. wt., 1 oz.

Stock No.	Description	Markers per Card	PER CAR
55 C 7009	Consecutive numbers 0-49	150	.27
55 C 7010	Consecutive numbers 50-99	150	.27
55 C 7011	Consecutive numbers 100-132	99	.27
55 C 7012	Consecutive numbers 133-165	99	.27
55 C 7013	Consecutive numbers 166-198	99	.27
55 C 8395	Consecutive letters A-Z*	26	.20

Graphic Art, Printed Circuit and Lettering Kits

KEPRO PC KIT SUPPLIES

eplacement materials for Kepro PC kits, for those already engaged in PC work. pe S-2 and P-2 have foil on both sides, S-1 d P-1, one side only. S is photosensitized ated. 5 sheets per package.

G-10 1/16" GLASS EPOXY SHEETS

. shpg. wt., ½ lb. per pkg.

ock No.	Type	Description	Size	PKG.
C 0930	S1-335G	Light sens.	3x3"	3.70
C 0932	S1-365G	Light sens.	3x6"	6.65
C 1007	S2-335G	Light sens.	3x3"	4.55
C 1012	S2-365G	Light sens.	3x6"	8.15

XXXP 1/16" PHENOLIC SHEETS

. shpg. wt., ½ lb. per pkg.

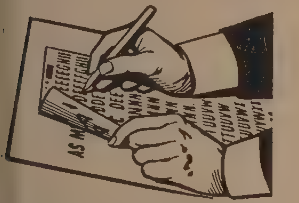
C 0594	P1-365PB	Perf. Unsen.	3x6"	2.40
C 0599	P2-365	Perf. Unsen.	3x6"	2.55
C 0679	S1-335	Light sens.	3x3"	2.15
C 0681	S1-365	Light sens.	3x6"	3.55
C 0731	S2-365	Light sens.	3x6"	[illegible].05

CHEMICALS

pg. wt., 6 oz. except pints, 3 lbs.

ock No.	Type	Description	Size	PKG.
C 1102	RMP-700	Resist pen	2 oz.	.75
C 1104	R-2	Paint resist	2 oz.	.60
C 1106	T-2	Resist thin	2 oz.	.50
C 1107	D-1PT	Developing solution	Pint	1.15
C 1159	E-1PT	Etching solution	Pint	.85

DATAK DRY STENCIL LETTERS



ctronic Equipment Title Set. Complete set of -printed titles for 95% of electronic rkings. Instant dry-transfer process; 24 y-to-handle sheets, 3x5", in black or ite letters. Shpg. wt., 4 oz.

ck No.	Type	Description	Color	EA.
C 7780	958	Title Set	Black	4.95
C 7781	959	Title Set	White	4.95
C 7782	960	Refill Alphabet	Black	2.50
C 7783	961	Refill Alphabet	White	2.50
C 7784	962	Refill Numerals	Black	2.50
C 7785	963	Refill Numerals	White	2.50

minal and Chassis Set. 24 sheets, letters and nerals, in black or white. 3 oz.

C 7452	966	Term./Chas. Set	Black	4.95
C 7454	967	Term./Chas. Set	White	4.95

Electronic Symbol Set. Dry-transfer bols. All you draw are connecting leads. aque black, reproduction quality. 8 oz.
C 7455. Contains 40 Sheets 15.95

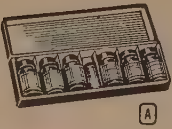
Meter and Dial Marking Set. 12 sheets in k, white and red, with designs, letters, nerals for dials, panels. 4 oz.
C 7456 ....4.95

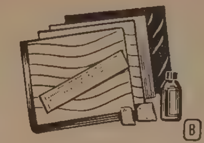
Logic Diagram Symbols Kit. Size same as scale MIL STD 806 B Spec and ASA D Y 32 and 14. Line width, .020", blends h #2 Rapidograph pen or 2H pencil. ck. Eight 4¾x7¼" sheets. 3 oz.
C 7462 ....3.50

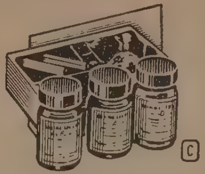
ective Coatings. Colorless coatings pro- Instant Lettering transfers. †Aerosol y cans. Datakoat is for metal and other -porous surfaces.

ck No.	Type	Oz.	EA.
7457	Protect. spray-matte†	16	2.95
7458	Protect. spray gloss†	16	2.95
7460	Datakoat spray-gloss†	16	2.95
7461	Datakoat spray-matte†	16	2.95
7459	Datakoat brush-on	3	1.00

KEPRO NAMEPLATE AND PRINTED CIRCUIT KITS







A **P-101A Etched Circuit Kit.** Uses photo-engraving process to produce professional-quality etched circuits. With 3 XXXP phenolic boards (two 3x6", one 3x 3"); 2 sheets mechanical negatives; solutions and accessories. Shpg. wt., 3 lbs.
47 C 1036 ....5.85

47 C 1037. P-101A-G Kit. As above, but with G-10 glass epoxy boards. 3 lbs. 7.40

S-101A Standard Etched Circuit Kit. Resist applied by marking pen or tape to copper. Tape, pen and 3 panels 3x6" XXXP.
47 C 1100. Shpg. wt., 2 lbs. 3.95

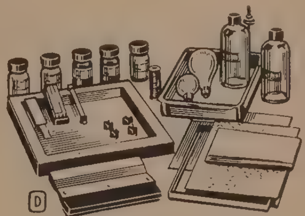
47 C 1101. S-101A-G Standard Kit. As above, but with glass epoxy boards. Shpg. wt., 2 lbs. 5.25

B **NP-303A Enamel Nameplate Kit.** Photo process makes aluminum letters on blue enamel. With two 8x10x.007" plates; solutions, accessories. Shpg. wt., 1 lb.
47 C 1206 ....7.25

NP-404 Anodized Aluminum Nameplate Kit. Makes aluminum letters on anodized black background. With three 3x6x.025" plates, solutions and accessories. 1½ lbs.
47 C 1207 ....6.55

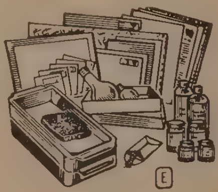
MICRO-CIRCUITS S-21 KIT

C All materials to paint electronic circuits. Includes brush, conducting paint, resistance paints, lacquer, solvent and accessories. Shpg. wt., 1¾ lbs.
47 C 0164 ....23.11



KEPRO

KITS FOR MAKING ETCHED CIRCUITS



D COMPLETE SILK SCREEN KIT

Model SC-601A. Everything for making three 7x9" silk screens. Produces lacquer resistant, film-type photo stencils for screen printing of etched circuit boards, nameplates, instrument panels, or decorative printing. With 10x12" screen frame with silk; two 14x16" screen silks; package of three 8x10" stencil film; #2 photo flood lamp; 8½x11½" print frame; complete set of chemicals; tray, thermometer and ink. Shpg. wt., 13 lbs.
47 C 1033 U 35.00

E PRINTED-CIRCUIT LAB KIT

Model L-505A. For PC boards to 70 sq. in. from prototypes to short production runs. Has: 15 asst'd. photo-sensitized, copper-clad phenolic XXXP boards; trays; safe-light; photoflood lamp; printing frame; PL-2A Layout Kit; mechanical negative; solutions; pen, eyelets, cleaning pad.
47 C 1034 U. Wt., 18¾ lbs. 34.75

L-505A-G. As above, but with G-10 glass epoxy circuit boards. 19½ lbs.
47 C 1035 U 42.95

KEPRO TWO-STEP PHOTO-REVERSING KIT

FK-701. Simple two-step process makes line negatives and positives from taped or ink artwork, or reverses existing negatives and positives. With two 10x24" reversing films, chemicals. Shpg. wt., 1½ lbs.
47 C 0160 ....7.20
47 C 0161. Extra Reversing Film. Wt. 2 oz. 3.00
47 C 0162. Extra RFD-2 Developer. Wt., 2 oz. 60

KEPRO PHOTO LAYOUT KIT

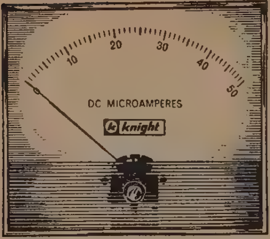
PL-2A. Eliminates necessity of inking and lettering through use of mechanical negative and pressure-sensitive characters. Layout time is reduced—errors easily corrected. Kit includes: tape dots; two tape strips; letters and numerals; acetate sheet; mechanical negative; layout paper and instructions. Shpg. wt., 1 lb.
47 C 1016 ....3.95

KEPRO AND BRADY PHOTO LAYOUT SUPPLIES

*Brady Black, self-sticking strips for PC drafting. Photographs opaque without highlights.

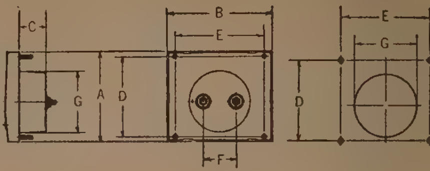
Stock No.	Mfr's Type	Description	EACH
47 C 1025	MN-1212	12x12" Mechanical Negative	1.25
47 C 0166	TC125-031	Terminal Circles ⅛" O.D. (112 per card)	.50
47 C 0200	TC250-062	Terminal Circles ¼" O.D. (96 per card)	.50
47 C 0263	TC500-125	Terminal Circles ½" O.D. (42 per card)	.50
47 C 1027	AT-810	Pressure-Sensitive Letters and Numerals on transparent base (5 sizes, 4 fonts). 4 oz.	2.50
47 C 0419	*CSR062	Connector strips 1/16" wide (Pkg./3; 18 yds. per roll)	2.40
47 C 0450	*CSR125	Connector strips ⅛" wide (Pkg./2; 18 yds. per roll)	1.60
47 C 0459	*CSR250	Connector strips ¼" wide (Pkg./2; 18 yds. per roll)	1.80

Knight, Emico and Simpson Panel Meters



KNIGHT 3½" AND 4½" AC AND DC PANEL METERS

Dim.	3½"	4½"
A	3"	4"
B	3 7/16"	4 21/32"
C	1 7/32"	1 7/32"
DxE	2¼" sq.	3 9/16x4"
F	1 13/32"	1 13/32"
G	2¾"	2¾"



Allied's own full line of Knight panel meters—dependable low-cost, clear-view meters styled to give your equipment a modern appearance. Feature shielded external-magnet meter movements in both AC and DC models—can be mounted on ferrous panels without loss of accuracy. Modern face, knife-edge pointer and crystal-cl plastic cover for easy reading. All mounting and terminal hardw is included for easy installation. Terminals: #10-32x2 7/64". Mount studs: 33/64". Av. shpg. wt., 1 lb.

3½" SQUARE METERS

Stock No.	Range	EACH	Stock No.	Range	EACH
52 C 7201	0-50 µA DC	18.00	52 C 7226	0-15 amps DC	15.40
52 C 7202	0-100 µA DC	16.55	52 C 7275	0-15 V DC	15.10
52 C 7203	0-200 µA DC	15.10	52 C 7219	0-50 V DC	15.10
52 C 7204	25-0-25 µA DC	18.10	52 C 7220	0-100 V DC	15.10
52 C 7209	0-1 mA DC	14.15	52 C 7221	0-150 V DC	15.10
52 C 7210	0-3 mA DC	14.15	52 C 7340	0-5 amps AC	13.20
52 C 7211	0-15 mA DC	14.15	52 C 7341	0-10 amps AC	14.00
52 C 7212	0-100 mA DC	15.40	52 C 7229	0-150 V AC	15.80
52 C 7213	0-200 mA DC	15.40	52 C 7230	0-300 V AC	15.80
52 C 7225	0-10 amps DC	15.40	......	......	......

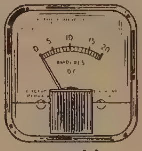
4½" SQUARE METERS

Stock No.	Range	EACH	Stock No.	Range	EA
52 C 7205	0-50 µA DC	19.40	52 C 7228	0-15 amps DC	15.
52 C 7206	0-100 µA DC	18.35	52 C 7276	0-15 V DC	16.
52 C 7207	0-200 µA DC	16.55	52 C 7222	0-50 V DC	16.
52 C 7208	25-0-25 µA DC	19.55	52 C 7223	0-100 V DC	16.
52 C 7214	0-1 mA DC	15.10	52 C 7224	0-150 V DC	16.
52 C 7215	0-3 mA DC	15.10	52 C 7342	0-5 amps AC	15.
52 C 7216	0-15 mA DC	15.10	52 C 7343	0-10 amps AC	15.
52 C 7217	0-100 mA DC	15.70	52 C 7231	0-150 V AC	16.
52 C 7218	0-200 mA DC	15.70	52 C 7232	0-300 V AC	16.
52 C 7227	0-10 amps DC	15.70	......	......	......

EMICO LOW-COST PANEL METERS

0
2
4
6
8
10
DC
AMPERES
EMICO

NF-2C



RF-2¼C

0
10
20
30
40
50
DC
VOLTS

RF-2C

DC MILLIAMPERES
0
1
2
3
4
5

13
Edgewise

Accurate Within 5%

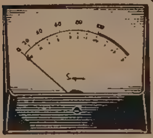
Offer accuracy and prestige appearance. DC meters have "HI-TORK" magnetic movements; AC meters, moving-iron. Work trouble-free even under severe conditions. Calibrated in steel cases, meters need no further adjustments. 5% accuracy is not affected by mounting in magnetic metal panels. Black-enameled or zinc-irridite steel cases. Dimensions (overall depth and flange size): Model NF-2C, 1¼x2¼"; Model RF-2C, 1 5/32x2¼"; Model RF-2¼C, 1 9/16x2 5/16"—fit in 2 1/16" diameter hole; Model 13 (all plastic) ¾x1 13/16x2⅛". Screw-terminal binding posts and/or lugs for solder connections. With mtg. hardware. Av. shpg. wt., 9 oz.

DC MILLIAMMETERS

	Model NF-2C		Model RF-2C		Model RF-2¼C		Model 13	
Range	Stock No.	EACH	Stock No.	EACH	Stock No.	EACH	Stock No.	EA
0-1	52 C 7609	3.70	52 C 7614	3.80	52 C 8012	4.05	52 C 6023	4.
0-5	52 C 8970	2.65	52 C 8971	2.75	52 C 6022	3.00	52 C 6024	3.
0-10	52 C 7600	2.50	52 C 7615	2.60	52 C 8013	2.85	52 C 6025	2.
0-20	52 C 7601	2.15	52 C 7616	2.25	52 C 8014	2.60	52 C 6026	2.
0-30	52 C 7602	2.15	52 C 7617	2.25	......	......	......	......
0-50	52 C 7603	2.15	52 C 7618	2.25	52 C 8016	2.60	52 C 6028	2.
0-100	52 C 7604	2.15	52 C 7619	2.25	52 C 8017	2.60	52 C 6029	2.
0-150	52 C 7605	2.15	52 C 7620	2.25	52 C 8018	2.60	52 C 6030	2.
0-200	52 C 7606	2.15	52 C 7621	2.25	52 C 8019	2.60	52 C 6031	2.
0-300	52 C 7607	2.15	52 C 7622	2.25	52 C 8020	2.60	52 C 6032	2.
0-500	52 C 7608	2.15	52 C 7623	2.25	52 C 8021	2.60	52 C 6033	2.
AC VOLTMETERS								
0-15	52 C 7665	3.35	52 C 7670	3.45	52 C 8022	3.75	52 C 6034	3.
0-50	52 C 8978	3.35	52 C 8979	3.45	52 C 6038	3.75	......	......
0-150	52 C 7666	3.90	52 C 7671	4.00	52 C 8023	4.45	52 C 6035	4.
0-300	52 C 7667	4.50	52 C 7672	4.55	52 C 8024	4.95	52 C 6036	4.
DC AMMETERS								
0-1	52 C 8972	2.15	52 C 8973	2.25	52 C 8025	2.60	......	......
0-5	52 C 8974	2.15	52 C 8975	2.25	52 C 6043	2.60	......	......
0-10	52 C 7650	2.15	52 C 7656	2.25	52 C 6044	2.60	52 C 6070	2.
0-15	52 C 6039	2.15	52 C 6041	2.25	52 C 6045	2.60	52 C 6073	2.
0-25	52 C 8976	2.15	52 C 8977	2.25	52 C 6046	2.60	......	......
0-30	52 C 6040	2.15	52 C 6042	2.25	52 C 6047	2.60	52 C 6080	2.
3-0-3	52 C 7651	2.15	52 C 7657	2.25	......	......	......	......
20-0-20	52 C 7652	2.15	......	......	52 C 8027	2.60	52 C 6082	2.
30-0-30	52 C 7653	2.15	52 C 7659	2.25	52 C 8028	2.60	52 C 6083	2.
DC VOLTMETERS								
0-3	52 C 7630	2.15	52 C 7635	2.25	52 C 8082	2.60	52 C 6168	2.
3-0-3	52 C 7631	2.15	52 C 7636	2.25	52 C 8083	2.60	......	......
0-10	52 C 7632	2.15	52 C 7637	2.25	52 C 8084	2.60	52 C 6188	2.
0-15	52 C 6090	2.15	52 C 6169	2.25	52 C 6092	2.60	52 C 6189	2.
0-20	52 C 6091	2.15	52 C 6193	2.25	52 C 6093	2.60	52 C 6190	2.
0-30	52 C 8980	2.15	52 C 8981	2.25	52 C 6096	2.60	52 C 6191	2.
0-50	52 C 8982	2.15	52 C 8983	2.25	52 C 6097	2.60	52 C 6192	2.
AC AMMETERS								
0-1	52 C 8984	3.35	52 C 8985	3.45	......	......	......	......
0-5	52 C 7646	3.35	52 C 7648	3.45	52 C 8085	3.75	52 C 6195	3.
0-10	52 C 7647	3.35	52 C 7649	3.45	52 C 8086	3.75	......	......
AC MILLIAMMETERS								
0-500	52 C 7640	3.35	52 C 7643	3.45	52 C 8029	3.75	52 C 6212	3.

All Meters Are Calibrated in Steel Panels—Precision Accuracy Is Not Affected by Metal Panels

SIMPSON WIDE-VUE VU METERS



Show volume level in both VU and % modulation. Self-shielded. Type A scale stresses level in VU for monitoring; Type B, % use of transmitter output. ±2% accuracy. Flange, 4x4.68"; body dia., 2.75"; depth, 1.08"; scale length, 3.53". Plastic cover. Wt., 1 lb.

VU METERS

Model 1349—A Scale—4½"		Range	Model 1349—B Scale—4½"	
52 C 8949	Each 32.10	−20 to 3	52 C 8950	Each 32.10

CHOOSE FROM OUR GIAN
STOCK OF PANEL METER

Allied offers the largest selection of panel meters found anywhere. Knight, Simpson, Triplett, API, Emico, and G.E. are stocked in depth. Write for information on any meter application.

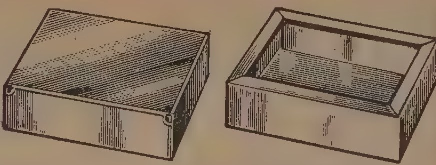
Specify Stock No., Range and Model No. on All Meter Ord

Bud Metal Products and Davies Plastic Cases

STANDARD CHASSIS BASES

ave one-piece construction; corners are inforced and spot-welded. The four sides folded at the bottom for additional rength. Aluminum types are spot-welded. eel chassis gauges: *No. 22; †No. 20; §No. . Aluminum chassis gauges: ‡No. 18; No. 16; ††No. 14. Order bottom plates, low. AC-403: 2x9½x5″.

Allied stocks the complete line of Bud Metal Products for immediate shipment. Bud items not listed in this catalog are available from Allied. Contact us for prices or other information.



HxWxD Inches	Black-Wrinkle Steel				Zinc-Plated Steel				Natural-Finish Aluminum			
	Stock No.	Type	Lbs.	EACH	Stock No.	Type	Lbs.	EACH	Stock No.	Type	Lbs.	EACH
x7x5	42 C 7820	CB-628*	1	1.40	42 C 7884	CB 629*	1	1.60	42 C 7846	AC 402‡	½	1.50
½x9½x5	42 C 7821	CB 644*	1¼	1.70	42 C 7898	CB-645*	1¼	2.10	42 C 7847	AC-403‡	½	1.70
x7x5									42 C 7905	AC 429**	¾	1.80
x9½x5									42 C 7848	AC-421‡	¾	2.00
x10x5	42 C 7823	CB 604*	1¼	1.70	42 C 7878	CB 605*	1¼	2.30	42 C 7855	AC-404‡	¾	2.00
x13x5									42 C 7906	AC-422‡	¾	2.40
x14x6	42 C 7824	CB-755†	1¾	2.20	42 C 7900	CB-756†	1¾	2.50	42 C 7139	AC-1414**	1¾	3.00
x7x7	42 C 7825	CB-789†	1½	1.60	42 C 7879	CB 1191†	1½	1.90	42 C 7849	AC-405‡	½	1.70
x9x7	42 C 7826	CB 790†	1½	1.70	42 C 7880	CB-1192†	1½	1.90	42 C 7850	AC-406‡	½	1.80
x11x7	42 C 7827	CB-791†	1½	1.80	42 C 7881	CB-1193†	1½	2.20	42 C 7851	AC 407‡	1	2.00
x12x7	42 C 7828	CB-792†	1¾	1.90	42 C 7882	CB-793†	1¾	2.60	42 C 7852	AC-408‡	1¼	2.40
x13x7	42 C 7829	CB-646†	2	1.90	42 C 7883	CB-1194†	2	2.40	42 C 7853	AC-409‡	¾	2.10
½x13½x5	42 C 7207	CB-647†	2	2.20	42 C 7320	CB-1198†	2	2.70				
x15x7	42 C 7208	CB-649†	3	2.40	42 C 7321	CB-1189†	2¾	3.00	42 C 7340	AC-411**	1½	3.40
x15x8½	42 C 7209	CB 665†	3½	2.70	42 C 7322	CB-666†	3	3.40	42 C 7145	AC 1420**	2¾	3.30
x17x4	42 C 7210	CB-1068†	2¼	2.20	42 C 7323	CB-1066†	2¼	2.60	42 C 7341	AC-432**	1¼	2.90
½x17x7	42 C 7211	CB 648†	3	2.40	42 C 7324	CB-1199†	2¾	2.90	42 C 7142	AC-1417**	2½	3.20
x17x7	42 C 7212	CB-757†	3½	2.70	42 C 7325	CB 758†	3	3.20	42 C 7342	AC 423**	1¾	3.40
½x10x8	42 C 7213	CB-701†	2	2.10	42 C 7326	CB-702†	2	2.40	42 C 7143	AC-1418**	2¾	2.50
½x12x8	42 C 7214	CB-703†	2½	2.20	42 C 7327	CB-704†	2½	2.70	42 C 7144	AC 1419**	2½	3.00
12x8	42 C 7215	CB-759†	2½	2.30	42 C 7328	CB 760†	2¾	2.90	42 C 7907	AC-424**	1½	3.00
17x8	42 C 7217	CB 650†	3	2.10	42 C 7329	CB-774†	3	2.90	42 C 7345	AC 425**	1½	3.10
17x8	42 C 7220	CB-651†	3½	2.50	42 C 7330	CB 775†	3½	3.20	42 C 7257	AC-412**	1¾	3.50
12x10	42 C 7830	CB 652†	3	2.40	42 C 7901	CB 1195†	3	3.00	42 C 7854	AC-413**	1½	3.40
14x10	42 C 7831	CB-653†	4	2.50	42 C 7902	CB-779†	4	3.00	42 C 7908	AC-414**	1¾	3.50
17x10	42 C 7221	CB-654†	3¼	2.40	42 C 7284	CB-769†	3	3.00	42 C 7346	AC-415**	1¾	3.40
17x10	42 C 7222	CB-636†	3¾	2.40	42 C 7331	CB-1196§	4¾	3.70	42 C 7347	AC-416**	2	3.90
23x10	42 C 7225 X	CB-656§	5½	3.60	42 C 7332 X	CB-1197§	5½	4.20	42 C 7148 X	AC-1423††	1¾	5.80
17x11	42 C 7227 X	CB-657§	4¾	2.90	42 C 7333 X	CB 770§	4¾	3.50	42 C 7258 X	AC-426††	2¼	4.30
17x11	42 C 7228 X	CB-658§	5¼	3.40	42 C 7280 X	CB-771§	5¼	4.30	42 C 7259 X	AC-417††	2½	4.90
17x12	42 C 7229 X	CB-663§	4¾	3.20	42 C 7334 X	CB-661§	5	3.80	42 C 7150 X	AC-1425**	1½	4.50
17x12	42 C 7230 X	CB-664§	5½	3.50	42 C 7281 X	CB 662§	5½	4.50	42 C 7263 X	AC-418††	2¾	5.00
17x13	42 C 7231 X	CB-659§	5¼	3.50	42 C 7282 X	CB-772§	5¼	4.60	42 C 7348 X	AC-419††	2½	4.40
17x13	42 C 7232 X	CB-660§	6¼	4.20	42 C 7283 X	CB-773§	6½	5.00	42 C 7260 X	AC-420††	2¾	5.30
17x10	42 C 7233	CB-640§	5¾	3.90	42 C 7335	CB 641§	6½	4.40	42 C 7261	AC-427††	2¾	5.60
7x13	42 C 7234 X	CB 642§	7½	4.80	42 C 7336 X	CB-643§	7¾	5.80	42 C 7262 X	AC 428††	3¼	6.50
17x10	42 C 7235	CB-623§	7	5.60	42 C 7337	CB-624§	6¾	6.60	42 C 7147 X	AC-1422**	¾	8.00
17x13	42 C 7236 X	CB 625§	7¾	6.10	42 C 7338 X	CB 626§	7½	7.30	42 C 7151 X	AC-1426††	2¼	8.90

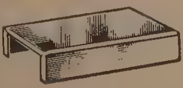
BOTTOM PLATES FOR CHASSIS BASES

tom plates to fit the chassis bases listed above. Ideal for shielding for protecting components and wiring from dust and damage. In k-wrinkle finish or zinc-plated heavy-gauge steel and natural-finish aluminum (Alloy 5005 H-14). Have four embossed feet in corners to prevent marring and scratching table-tops, shelves, or other surface s Drilled for use with No. 6 self-tapping screws.

Size WxL	Wt., Lbs.	Black Wrinkle			Zinc Plated			Natural-Finish Aluminum			
		Stock No.	Type No.	EACH	Stock No.	Type No.	EACH	Stock No.	Type No.	Lbs.	EACH
x7″	½	42 C 7654	BP-705	.70	42 C 7674	BP-706	.80	42 C 7694	BPA-1589	⅛	.90
x9½″	¾	42 C 7655	BP-680	.80	42 C 7675	BP-667	.90	42 C 7695	BPA-1590	¼	.90
x10″	¾	42 C 7656	BP-536	.90	42 C 7676	BP-538	.90	42 C 7696	BPA-1591	¼	.90
x7″	1	42 C 7657	BP-681	1.20	42 C 7677	BP-668	1.10	42 C 7697	BPA-1592	⅜	.90
x9″	1	42 C 7658	BP 682	1.10	42 C 7678	BP-669	1.10	42 C 7698	BPA-1593	⅓	.90
x11″	1	42 C 7659	BP-683	1.10	42 C 7679	BP-670	1.20	42 C 7699	BPA 1594	⅓	1.00
x12″	1¼	42 C 7660	BP-537	1.30	42 C 7680	BP-539	1.40	42 C 7700	BPA-1595	½	1.10
x13″	1¼	42 C 7661	BP-684	1.10	42 C 7681	BP-671	1.40	42 C 7701	BPA-1596	½	1.30
x13½″	1	42 C 7662	BP-685	.90	42 C 7682	BP-672	1.10	42 C 7167	BPA-1510	½	1.30
x17″	1½	42 C 7663	BP-1069	1.00	42 C 7683	BP-1067	1.40	42 C 7163	BPA-1532	¾	.90
x17″	1½	42 C 7664	BP-686	1.00	42 C 7684	BP-673	1.50	42 C 7174	BPA-1517	¾	1.40
x10″	1¼	42 C 7668	BP-707	1.00	42 C 7685	BP-708	1.20	42 C 7175	BPA-1518	¾	1.40
x12″	1½	42 C 7665	BP-709	1.20	42 C 7686	BP-710	1.40	42 C 7176	BPA-1519	½	1.70
x17″	1¾	42 C 7666	BP-687	1.10	42 C 7687	BP-674	1.70	42 C 7177	BPA 1520	½	1.70
x12″	1½	42 C 7667	BP-688	1.10	42 C 7688	BP-675	1.80	42 C 7180	BPA-1523	¾	1.70
x14″	1½	42 C 7669	BP-517	1.60	42 C 7689	BP-514	1.70	42 C 7181 X	BPA-1524	¾	1.70
x17″	1¾	42 C 7670	BP-689	1.40	42 C 7690	BP-676	1.80	42 C 7702	BPA-1597	¾	1.70
x17″	1½	42 C 7671 X	BP-690	1.40	42 C 7691 X	BP-677	1.80	42 C 7183	BPA-1526	¾	1.90
x17″	2	42 C 7672 X	BP-691	1.60	42 C 7692 X	BP-678	2.10	42 C 7185	BPA-1528	¾	2.20
x17″	2¼	42 C 7673 X	BP 692	1.70	42 C 7693 X	BP-679	2.40	42 C 7703	BPA-1598	¾	2.40

OPEN-END ALUMINUM CHASSIS

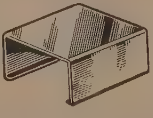
wy gauge. U-ped construction with ends ed over ⅜″. For cabinet, but lly match Bud s listed in table, w. Av. shpg. 1 lb.



ck No.	Type	HxWxD	For	EACH
C 7801	CB-30	1½x7x5″		1.20
C 7802	CB-41	1½x7x7″	C-973	1.40
C 7804	CB-996	1½x9x5½″	C-993	1.40
C 7805	CB-976	1½x9x7½″	C-999, CD-1481	1.70
C 7807	CB-997	1½x11x7″	C-994, CD 1482	1.60
C 7808	CB-998	1½x13x7″	C-995, CD-1483	1.90
C 7800	CB-38	2x6x7″	C-1584	1.20
C 7803	CB-39	2x8x7″	C-1585	1.40
C 7806	CB-40	2x10x7″	C-1586	1.60

MINIATURE ALUMINUM CHASSIS

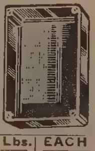
Open-end aluminum chassis for limited space applications. For any cabinet, but ideally match Bud units listed in table below. One-piece construction. ¼″ mounting flanges. Av. shpg. wt., ¾ lb.



Stock No.	Type	HxWxD	For	EA.
42 C 7810	CB-1624	1x3⅛x1¾″	CU-883	.50
42 C 7816	CB 1617	1x3⅛x4″	C-1606	.50
42 C 7812	CB-1626	1x4⅛x2¾″	CU-728	.60
42 C 7817	CB-1618	1x4⅛x4″	C-1607	.60
42 C 7818	CB-1619	1x5⅛x4″	C-1608	.70
42 C 7819	CB 1620	1x6⅛x4″	C-1609	.70
42 C 7809	CB-1623	1¼x2¾x2⅝″	.	.40
42 C 7814	CB-1628	1¼x6⅛x3″	C-1788	.70
42 C 7813	CB-1627	1½x4⅛x3¾″	CU-729	.60
42 C 7815	CB-1629	1½x4⅞x5¾″	CU-1098	.70
42 C 7811	CB-1625	2x4½x3¼″	C-1788	.60

HARRY DAVIES PLASTIC CASES AND PANELS

Molded black plastic cases and panels designed for test instrument mounting. Sturdily constructed to protect components. Recessed bosses for flush mounting of covers. Drilled for ½″ No. 6 self-tapping screws except *tapped for 4-36x½″ screws. Walls and covers are ⅛″ thick.



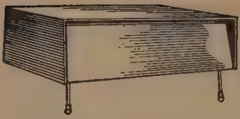
CASES

Stock No.	Size HxWxD	Wt., Lbs.	EACH
42 C 7895	*2⅞x4x1$\frac{9}{16}$″	1	.39
42 C 7885	6¼x3¾x2″	1½	.66
42 C 7886	6$\frac{13}{16}$x5$\frac{9}{32}$x2$\frac{5}{16}$″	2	.89

MATCHING COVERS

Stock No.	Size HxWxD	Wt., Lbs.	EACH
42 C 7887	6x3½″	½	.45
42 C 7888	6½x5″	1	.61
42 C 7896	4x2⅞″	½	.30

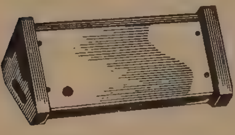
Bud Metal Cabinets and Cases



TILT-A-VIEW CABINETS

Slanted front face and vertical rear face of cabinet provide a number of viewpoints to allow accurate, no-glare reading of equipment. Detachable legs. 18-ga. steel construction. Scratch-resistant gray and brown finish.

Stock No.	Mfr's Type	HxWxD	Wt., Lbs.	EACH
42 C 7377 X	TV-2155	4½x15x10"	7	7.50
42 C 7378 X	TV-2156	6½x16x12"	12½	8.90
42 C 7379 X	TV-2157	8½x17x14"	17	12.80

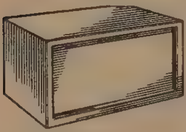


MARK-T CABINETS

Entire contents are visible and accessible through opening door. Door and front panel can be removed. Self-adjusting latch. 16-ga. all-welded steel construction. Rubber feet, recessed carrying handles. Charcoal-gray finish, light gray panel and door.

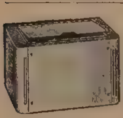
Stock No.	Mfr's Type	Width	Panel Size	Wt., Lbs.	EACH
42 C 7384 X	MT-214	16"	5¾x14"	9	28.10
42 C 7385 X	MT-219	21"	5¾x19"	12	30.80
42 C 7386 X	MT-224	26"	5¾x24"	14½	36.30

MULTI-PURPOSE FUTURA CABINETS



Cabinet has removable top and side. The front panel is flange held, no screws are required. Body and rear panel are of 20-gauge steel; front panel, both vertical and 15° incline, are of 18-gauge steel. Each has four rubber feet mounted on base. Chassis may be mounted to the base, front or to the rear panel. Cabinets come with a **smooth blue or gray finish. Specify finish desired.**

Stock No.	Type MD-	Size, HxWxD	Panel Style	Wt., Lbs.	EACH
42 C 8732 CX	1960	7x13x8"	Vertical	6¾	8.40
42 C 8737 CX	1965	8x16x9"	Inclined	8¾	11.10

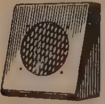


STREAMLINED CABINETS

Ideal for small electrical and electronic devices. Ruggedly built. Recessed hinged-cover has convenient finger lift for easy opening. Complete access to components. Front panel fits flush with embossed, rounded front corners. Panel is removable for chassis installation or cutouts. 3½" high opening in rear for cables or controls. Louvered sides provide ample ventilation. Steel, 20 gauge body and 18 gauge panel. 8" high x 8¼" deep, except *12" high x 12" deep.

SPECIFY BLACK WRINKLE OR GRAY HAMMERTONE FINISH

Stock No.	Mfr's Type	Width	Panel Space	Wt., Lbs.	EACH
42 C 7592 C	CD-1480	10½"	8x8"	6¼	6.90
42 C 7593 C	CD-1481	12½"	8x10"	6	7.00
42 C 7594 CX	CD-1482	14½"	8x12"	7½	7.40
42 C 7595 CX	CD-1483	16½"	8x14"	8¾	7.90
42 C 7596 CX	CD-1484	18½"	8x16"	9½	8.60
42 C 7597 CX	CD-1485*	20⅝"	12x18"	16¾	17.50

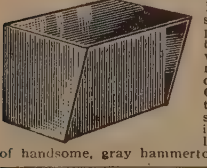


WALL-TYPE SPEAKER CASES

Rugged, versatile steel speaker cases for use on wall or table. Will not warp or split. Designed and built to be unaffected by weather and temperature conditions. Keyway holes are provided for wall-mounting and four embossed feet for table-mounting. Brown wrinkle enamel finish.

Stock No.	Mfr's Type	Hole Size	Spkr. Size	Size HxWxD	Wt., Lbs.	EACH
42 C 8771	CS-1948	3½"	4"	7½x6½x4¼"	1¾	3.10
42 C 8772	CS-1939	4"	5"	7½x6½x4¼"	1¾	3.30
42 C 8773	CS-1940	4¾"	6"	9½x8x5⅝"	3	3.80
42 C 8774	CS-1941	6½"	8"	11½x9½x7"	4	4.80

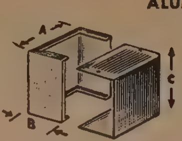
ALUMINUM COWL-TYPE MINIBOXES



Bud's cowl-type miniboxes. Attractively styled; easily drilled or punched. Have projecting cover which reduces glare on the panel from overhead lighting. Also provide protection for knobs, switches, and meter faces. May be used for housing receivers, transmitters, test equipment, etc. Cover has two ½" box braces to which bottom is attached with #6 sheet metal screws provided. This construction results in a sturdy, rigid housing. All are made of long-lasting, 18-gauge aluminum. Choice of handsome, gray hammertone finish or natural aluminum.

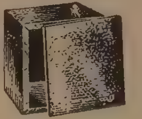
Size HxWxD	Shpg. Wt., Lbs.	Gray Hammertone	Type SC-	EACH	Natural Aluminum	Type SC-	EACH
6x10x7"	2	42 C 8684	2130	6.70	42 C 8688	3030	4.80
7x12x8"	2¾	42 C 8685	2131	7.30	42 C 8689	3031	5.30
3x8x6"	1	42 C 8686	2132	3.90	42 C 8690	3032	2.70
5x5x5"	1	42 C 8687	2133	4.00	42 C 8691	3033	2.90

ALUMINUM MINIBOXES



Two-piece aluminum boxes with gray ha
mertone or natural aluminum finish. Par
ularly suited for sub-assemblies. May
used for amplifiers, converters, TVI filt
test units, etc. Two-piece construction p
mits easy access to circuitry. Flanges ass
low RF leakage and high rigidity. Dual-p
pose snap locks permit quick assembly a
disassembly; also permit use with self-t
ping screws (supplied).

Size AxCxB	Shpg. Wt., Lbs.	Gray Hammertone	Type CU-	EA.	Natural Aluminum	Type CU-	EA
2¾x2⅛x1⅝"	¼	42 C 7616	2100A	.90	42 C 7634	3000A	.7
3¼x2⅛x1⅛"	¼	42 C 7633	2117A	.90	42 C 7651	3017A	.8
3¼x2⅛x1⅝"	¼	42 C 7617	2101A	.90	42 C 7635	3001A	.7
4x2x2¾"	¼	42 C 7631	2115A	1.00	42 C 7649	3015A	.9
4x2⅛x1⅝"	¼	42 C 7618	2102A	.90	42 C 7636	3002A	.8
4x2¼x2¼"	¼	42 C 7619	2103A	1.00	42 C 7637	3003A	1.0
4¼x2¼x1½"	¼	42 C 7632	2116A	1.00	42 C 7650	3016A	.9
5x2¼x2¼"	¼	42 C 7620	2104A	1.10	42 C 7638	3004A	1.0
5x4x3"	½	42 C 7621	2105A	1.40	42 C 7639	3005A	1.0
5¼x3x2⅛"	¼	42 C 7622	2106A	1.20	42 C 7640	3006A	1.0
6x5x4"	¾	42 C 7623	2107A	1.80	42 C 7641	3007A	1.4
7x5x3"	¾	42 C 7624	2108A	2.00	42 C 7642	3008A	1.7
8x6x3½"	1	42 C 7625	2109A	2.60	42 C 7643	3009A	2.2
10x2x1⅝"	½	42 C 7629	2113A	1.50	42 C 7647	3013A	1.3
10x6x3½"	1¼	42 C 7626	2110A	2.90	42 C 7644	3010A	2.4
12x2½x2¼"	¾	42 C 7630	2114A	2.00	42 C 7648	3014A	1.6
12x7x4"	1¾	42 C 7627	2111A	3.90	42 C 7645	3011A	3.3
17x5x4"	2¼	42 C 7628	2112A	3.90	42 C 7646	3012A	3.3

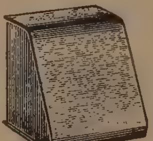


UTILITY CABINETS

Metal utility cabinets for all types of electro
equipment. Excellent for housing receivers, mo
tors, VFO's, test equipment, frequency met
transmitters, etc. Well adapted for shielding
high gain preamplifiers, RF sections, other spe
circuits. Two removable panels attach to flan
with self-tapping screws. *Gray aluminum.

Size, HxWxD	Mfr's Type	Wt., Lbs.	Stock No. Black Steel	Stock No. Gray Steel	EA
4x4x2"	CU883	¾	42 C 7856	42 C 7606	1.4
4x5x3"	CU728	⅞	42 C 7857	42 C 7607	1.5
6x5x4"	CU729	1¼	42 C 7858	42 C 7608	1.
6x6x6"	CU1098	2½	42 C 7859	42 C 7609	2.
9x6x5"	CU1099	3	42 C 7860	42 C 7610	2.9
10x8x7"	CU879	5	42 C 7861	42 C 7611	4.
10x10x8"	CU880	5½	42 C 7863	42 C 7613	4.9
12x7x6"	CU1124	4	42 C 7862	42 C 7612	4.0
12x11x8"	CU881	6	42 C 7864	42 C 7614	5.4
15x9x7"	CU882	7½	42 C 7865	42 C 7615	5.5

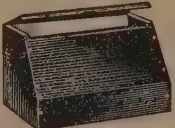
Size, HxWxD	Mfr's Type	Wt., Lbs.	Natural Aluminum	EACH	*Hammertone Aluminum	EA
4x4x2"	AU-1083	¼	42 C 8543	1.60	42 C 8548	1.9
4x5x3"	AU 1028	¼	42 C 8544	1.70	42 C 8549	2.1
6x5x4"	AU 1029	½	42 C 8545	1.90	42 C 8550	2.2
6x6x6"	AU-1039	¾	42 C 8546	2.70	42 C 8551	3.0
9x6x5"	AU-1040	1	42 C 8547	3.10	42 C 8552	3.7



UNIVERSAL SLOPING-PANEL CABINE

Versatile, streamlined sloping-panel cabin
available in steel or aluminum. Offer enou
space to house a two or three-miniature-t
amplifier or gadget. Sides and one-piece deta
able back fasten to the body with s
tapping screws for easy service and replacem
of components. Fully enclosed to exclude d
and moisture. Easily accommodate most sn
chassis. All units are 4" high, 4¼" deep. Finish
in attractive gray hammertone.

Width	Steel Stock No.	Type C-	Shpg. Wt., Lbs.	EA.	Aluminum Stock No.	Type AC-	Shpg. Wt., Lbs.	E
4"	42 C 8642	1606	¾	1.80	42 C 8646	1610	½	2.
5"	42 C 8643	1607	¾	1.90	42 C 8647	1611	½	2.
6"	42 C 8644	1608	1⅛	2.00	42 C 8648	1612	¾	2.
7"	42 C 8645	1609	1⅛	2.40	42 C 8649	1613	¾	2.



SLOPING-PANEL CABINETS

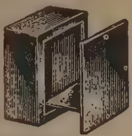
Sloping-panel steel cabinets with hinged
for easy access to tubes and top-of-cha
components. Removable front panel perm
easy attachment of chassis. Fit following si
chassis: Type C-1584, 7x6x2"; Type C-15
7x8x2"; Type 1586, 7x10x2"; Type C-15
7x7x2"; Type C-1588, 7x9x2"; Type C-18
8x12x2½"; Type C-1893, 10x17x3"; Type
1894, 7x13x2"; Type C-1896, 7x17x3".

SPECIFY BLACK WRINKLE OR LIGHT GRAY HAMMERTONE

Stock No.	Mfr's Type	Size HxWxD	Wt., Lbs.	EAC
42 C 7466 C	C-1584	6½x7¹⁄₁₆x7⁷⁄₃₂"	2½	4.0
42 C 7467 C	C-1585	6½x9¹⁄₁₆x7⁷⁄₃₂"	3	4.4
42 C 7468 C	C-1586	6½x11¹⁄₁₆x7⁷⁄₃₂"	3½	5.1
42 C 7469 C	C-1892	8x13¹⁄₁₆x8¹³⁄₃₂"	5¼	7.0
42 C 7470 CX	C-1893	10x18¹⁄₁₆x10¹³⁄₃₂"	12¾	9.2
42 C 7471 C	C-1587	8x8¹⁄₁₆x7¹⁵⁄₁₆"	2¾	5.3
42 C 7472 C	C-1588	8x10¹⁄₁₆x7¹⁵⁄₁₆"	3¼	5.9
42 C 7474 C	C-1894	8x14¹⁄₁₆x7¹⁵⁄₁₆"	6¼	6.3
42 C 7475 CX	C-1896	9x18¹⁄₁₆x8¹⁄₁₆"	6¼	8.9

Bud Metal Cabinets, Panels, Racks, Handles

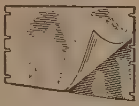
MINIATURE UTILITY CABINETS WITH ATTACHED CHASSIS



rdily-made, unusually npact, steel utility cabts with a built-in chasattached to the front el. Especially suitable standing-wave bridg-frequency meters, all transistorized revers, code practice osators, decade boxes, stal sets, and many er types of small, self-contained units. Removable front and rear panels fastened with -tapping screws permit easy access to comients. 22-ga. body; 20-ga. panel; 18-ga. ssis. Black-wrinkle enamel finish.

Stock No.	Mfr's Type	Cabinet HxWxD	Chassis HxWxD	Wt., Lbs.	EACH
C 7600	C-1793	4x4x2"	1x3⅛x1⅞"	¾	1.60
C 7601	C-1794	4x5x3"	1x4⅛x2⅞"	1	1.90
C 7602	C-1795	5x4x3"	1¼x3⅛x2⅞"	1	2.00
C 7603	C-1796	6x5x4"	1¾x4⅛x3⅞"	1¾	2.10
C 7604	C-1797	5x6x4"	1¼x5⅛x3⅞"	1¾	2.40
C 7605	C-1798	6x6x6"	1¾x4⅞x5⅞"	2¾	2.90

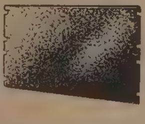
HIELDED-SURFACE RACK PANELS



urally bright aluminalloy, covered on h sides with protec-, pressure-sensitive te paper. Blemish- mill finish. ⅛" k. 19" wide. Stan- notching.

Stock No.	Mfr's Type	Ht.	Wt., Lbs.	EACH
C 8662 X	SFA-1831	1¾"	½	1.20
C 8663 X	SFA-1832	3½"	1	1.80
C 8664 X	SFA-1833	5¼"	1¼	2.40
C 8665 X	SFA-1834	7"	1¾	2.90
C 8666 X	SFA-1835	8¾"	2	3.50
C 8667 X	SFA-1836	10½"	2½	4.50
C 8668 X	SFA-1837	12¼"	3	5.10
C 8669 X	SFA-1838	14"	3½	5.80
C 8670 X	SFA-1839	15¾"	3¾	6.60
C 8671 X	SFA-1840	17½"	4	7.30
C 8672 X	SFA-1841	19¼"	4½	8.00
C 8673 X	SFA-1842	21"	5	8.80

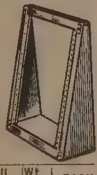
STANDARD RACK PANELS



vy-duty rack panel structed of ⅛" aluum. All are 19" in th and have notched es to fit spacing of dard telephone type racks. **Specify ck or gray wrin-, smooth gray or hammertone.**

tock No.	Height	Wt., Lbs.	EACH
C 7408 CX	1¾"	½	1.40
C 7409 CX	3½"	1	1.90
C 7410 CX	5¼"	1¼	2.40
C 7411 CX	7"	1¾	3.10
C 7417 CX	8¾"	2	3.60
C 7418 CX	10½"	2½	4.60
C 7419 CX	12¼"	3	5.30
C 7420 CX	14"	3¼	6.10
C 7421 CX	15¾	4	6.80
C 7422 CX	17½"	4	7.40
C 7423 CX	19¼"	4¼	8.10
C 7424 CX	21"	5	9.00

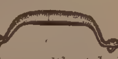
DESK-TYPE RACKS



trong, steel chassis ideal mounting heavy compots. Perfect for table mountof low and medium power smitters, P.A. systems, other electronic equipit. Designed for use with dard 19" panels. No exd edges. With hardware. y hammertone finish.

Stock No.	Mfr's Type	Panel Ht.	Overall Size	Wt., Lbs.	EACH
7309 U	RR-1248	21"	24x20⅜x12"	14½	11.60
7311 U	RR-1249	28"	31x20⅛x12"	17¼	13.70

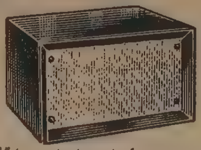
UTILITY HANDLES



ong handles with fortable grip. Ideal mounting on cabi- to afford portabil- Made of tubular aluminum with etched h. Shpg wt., 2 oz **In pairs only.**

ck No.	Type	Lgth.	Mtg. Ctr.	PAIR
7893	UH-70A	5⅛"	4⅝"	.50
7894	UH-71A	3¾"	3¼"	.40

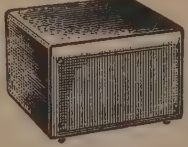
SHADOW CABINETS



Versatile housing for amplifiers, test equipment, etc. Both front panels as well as the bottom may be removed for installation and servicing purposes. Front panel is recessed 1" to protect controls, meters, etc. Recessed panel and bevelled front edges of cabinet provide attractive appearance. Body constructed of 18-gauge steel, panels of 16-gauge steel. Rubber feet attached to bottom of cabinet prevent marring of the surface on which it may be placed. Finished in attractive, light gray hammertone.

Stock No.	Type SB-	Size HxWxD	Use Bud Chassis	Wt., Lbs.	EACH
42 C 7253	2140	8x14½x10"	AC-424	11¼	8.10
42 C 7254	2141	7½x13¼x9"	AC-407	9½	6.40
42 C 7255 X	2142	9½x17x11"	CB-666	16	10.90
42 C 7256	2143	6x15½x9"	AC-409	9¾	6.20

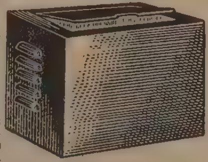
UTILITY CABINETS



Attractive housing with rounded corners. All constructed of 20-gauge steel. Front and rear panels removable; rear panel louvered for ventilation. 4 rubber feet. Body finished in dark gray enamel, panels in light gray enamel.

Stock No.	Mfr's Type	Size HxWxD	Wt., Lbs.	EACH
42 C 8692	CU-463	4⁷⁄₃₂x6⁷⁄₃₂x3¾"	1¾	5.60
42 C 8693	CU-465	4⁷⁄₃₂x6⁷⁄₃₂x5¾"	2¼	6.40
42 C 8694	CU-585	5⁷⁄₃₂x8⁷⁄₃₂x5¾"	3	8.30
42 C 8695	CU-587	5⁷⁄₃₂x8⁷⁄₃₂x7¾"	3¾	9.10
42 C 8696	CU-7125	7⁷⁄₃₂x12⁷⁄₃₂x5¾"	5	8.30
42 C 8697	CU-7127	7⁷⁄₃₂x12⁷⁄₃₂x7¾"	6	8.80

INSTRUMENT AND RECEIVER CABINETS

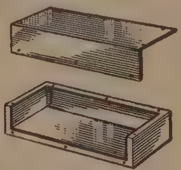


Ruggedly constructed steel cabinets. Have recessed hinged cover for easy access. Front panel is held securely in place with self-tapping screws. Panel extends full width of cabinet—provides maximum space. Louvers for ventilation. 20-ga. body; 18-ga. panel, except *16-ga. Black wrinkle finish.

Stock No.	Type	HxWxD	Lbs.	EA.
42 C 7652	C-973	7x8x8"	8	5.20
42 C 7653	C-993	7x10x8"	8	5.90
42 C 7200	C-994	7x12x8"	6	6.20
42 C 7201	C-995	7x14x8"	7¼	6.50
42 C 7202 X	*C-1190	8x16x8"	9¼	9.30
42 C 7203 X	*C-975	9x15x11"	13	11.20
42 C 7205 X	*C-999	12x18x12"	17½	12.20

"CONVERTA" BOXES

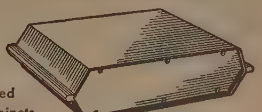
Components or Controls Can Be Mounted to Any Surface of Enclosure



Versatile enclosures to hold a variety of equipment. Consist of welded base and two-sided cover designed to afford maximum protection. Components and controls mount on any surface. Cover and base fasten with self-tapping screws. Easy access to equipment. 20-gauge steel, cadmium plated. With hardware.

Stock No.	Mfr's Type	Size HxWxD	Wt., Lbs.	EA.
42 C 7704	CU-341	1½x4x3"	½	2.30
42 C 7705	CU-452	2x5x4"	1	2.20
42 C 7706	CU-482	2x8x4"	1¼	2.40
42 C 7707	CU-592	2½x9½x5"	1¾	2.50
42 C 7708	CU-622	2½x12x6"	2¾	2.80
42 C 7709	CU-712	2½x15x7"	3½	3.70

STYLISH GRAND PRIX CABINETS

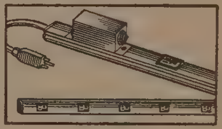


Versatile, Streamlined Steel Cabinets

Upper and lower 20-gauge steel segments held by brushed aluminum extensions (also serve as handles) with set screws. 2 panels furnished. 4 rubber feet in base. **Specify light gray hammertone, or smooth dark gray finish.**

Stock No.	Mfr's Type	Size, HxWxD	Wt., Lbs.	EACH
42 C 8723 CX	MD-1	4³⁄₁₆x19⅛x10½"	7¼	15.20
42 C 8724 CX	MD-2	7³⁄₁₆x19⅛x10½"	7¾	15.90
42 C 8725 CX	MD-3	4³⁄₁₆x12⅛x8¾"	7	12.30

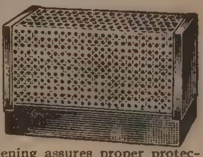
AC POWER OUTLET STRIPS



Convenient outlets mount easily in equipment cabinets and racks by snapping into clips. Supplied with 15-A, 125-V grounding receptacles, 15-A overload circuit breaker with reset button. 6-ft. cord, grounding plug. Heavy-duty light-gray enameled steel. U.L. Listed.

Stock No.	Mfr's Type	Lgth.	Outlets	Wt., Lbs.	EACH
42 C 7380 X	POS-4	17½"	4	2	21.70
42 C 7381 X	POS-7	48"	7	4	22.70
42 C 7382 X	POS-9	60"	9	4¼	25.00
42 C 7383 X	POS-11	72"	11	5	27.30

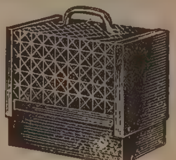
STANDARD AMPLIFIER FOUNDATIONS



Ideal for most amplifier requirements. Foundations consist of regular steel chassis with metal covers. Solid pieces are used on ends of each cover for bracing and a snug fit to chassis. Heavy-gauge metal screening assures proper protection and ventilation of components. Metal handles provide portability. Types CA-699, CA-1125, and CA-1126 have 2½" high chassis; Type CA-1128 has 3" high chassis. Cover, ends, and chassis are 20-ga. steel. Black wrinkle finish.

Stock No.	Type	HxWxD	Lbs.	EACH
42 C 7244	CA-699	8⁵⁄₁₆x9⅝x5⅛"	4	6.90
42 C 7245	CA-1125	8⁵⁄₁₆x13⅝x5⅛"	4¾	7.20
42 C 7246	CA-1126	8⁵⁄₁₆x17⅛x7⅛"	6½	8.10
42 C 7242	CA-1128	8¹³⁄₁₆x12⅛x10⅛"	6¾	8.40

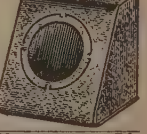
MINIATURE AMPLIFIER FOUNDATION



Type CA-1754. Meets the requirements of builders employing miniaturized components. Chassis is only 2" high, 7" wide, and 5" deep. With cover fastened in place, entire unit stands only 6" high! Portable—easy to carry. Removable cover includes a carrying handle. Cover is heavily perforated. All-steel construction—20-ga. cover; 22-ga. chassis. Black wrinkle finish. 1½ lbs.

42 C 7866....................4.90

UNIVERSAL METER CASES

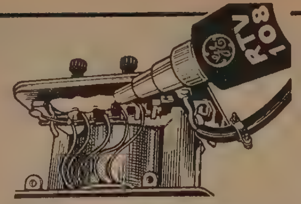


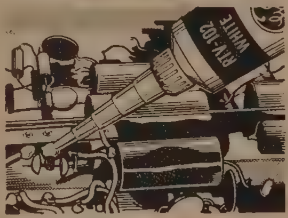
For use with 2" or 3" meters. With front panel for 2" meter. Knockout ring enlarges hole for a 3" meter. Have one-piece back and side attached with 4 screws. Top has two ⅜" knockouts for terminal posts or feed-throughs. Steel or aluminum; gray hammertone. 4½x4x4".

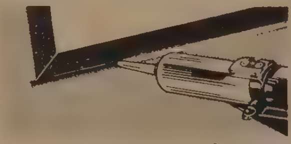
Stock No.	Type	Material	Lbs.	EA.
42 C 8541	CM 1935	Steel	1	1.50
42 C 8542	CMA 1936	Aluminum	¾	1.80

ied Stocks the Complete Line of Bud Relay Racks and Accessories

Silicones and Epoxy Compounds


RTV-108, Translucent For See-Through Uses


RTV-102, White For Affixing Name Plates


RTV-103, Black For Rubber Repairs

G. E. SILICONES AND COMPOUNDS

SILICONE RUBBER SEALANTS

- Withstand Temperature Extremes Without Cracking or Drying Out
- Adhere Without Priming When Applied at Room Temperature
- Contain No Solvents—Cure With Minimum of Shrinkage

Ready-to-use silicone rubber adhesive/sealants for many and varied applications. In squeeze tubes, they are easily applied and air cure to form a durable, flexible silicone rubber. Needs no catalyst. Applied at room temperature, adheres without priming. Excellent electrical properties. For use as sulation, bonding silicone rubber parts metal surfaces, encapsulating. Withst —75°F to +300°F. Never harden, crack dry out. Resist moisture, weathering aging. Cure with a minimum of shrinka

Type RTV-	Description	3-Oz. Tube Stock No.	EACH	12-Oz. Tube Stock No.	EAC
102	White. For shock mounting	60 C 7227	1.75	60 C 7228	5.5
103	Black. For rubber repair	60 C 7229	1.75	60 C 7230	5.5
108	Translucent	60 C 8594	1.75	60 C 8595	5.5
106	Red. For temp. to +600° F	60 C 8916	2.10	60 C 8918	7.1
112	White. Brushing or spraying	60 C 7235	2.10	60 C 7236	7.1

RTV-615 POTTING COMPOUND

(Not illus.) Clear silicone low-viscosity liquid cures at room temp., after addition of curing agent, to form a rubber-like, transparent solid. Cures within 15-30 min. at 150°C. Will cure in absence of air. W stand temp. from —65° to +200°C. cludes compound and curing agent. 1-pint
60 C 7243. Shpg. wt., 1 lb. . . . . . . Each 9

FLUOROCARBON TEFLON® BONDING KIT

Contains all materials needed to bond "non-bondable" Teflon to itself and other substances. Kit contains a bottl of Teflon treating agent and two tubes of Therma-Blen Epoxy Cement. Treating agent is applied to Teflon surfac until it turns permanently brown, then surface is cleaned Bonding agent is then applied, and parts are fitted together Cures in about four hours at 300°F, plus 1 hour at 340°F Kit includes complete instruction brochure. 2 lbs.
60 C 7037. Bonding Kit No. 1. . . . . Each 10.0

SILICONE SURFACE-COATING COMPOUNDS BY DOW CORNING

TYPE 3 COMPOUND

Greaselike, nonmelting silicone material with excellent electrical insulating properties, water repellency, and oxidation resistance. Retains consistency and electrical properties from—40°F to over +400°F. Easily applied with grease gun by wiping or by rubbing. Can be brushed or sprayed on if thinned first with xylene, mineral spirits, perchloroethylene or lacquer thinner. Shpg. wt., 2 oz. for 2-oz. tube; 8 oz. for 8 oz.
60 C 7022. 2-oz. Tube. . . . . Each 1.95
60 C 7023. 8-oz. Tube. . . . . Each 5.00

TYPE 4 COMPOUND

Seal and lubricant for switches, cable and cable connectors, battery terminals and lamp bulb bases. Has excellent insulating properties. Use as moisture-proof dielectric seal for ignition systems, electrical systems and electronic equipment. Apply with grease or by brushing or wiping. Translucent and colorless with petroleum-type consistency. Shpg. wt., 2 oz. for 2-oz. tube; 8 oz. for 8-oz. tube.
60 C 7027. 2-oz. Tube. . . . . Each 1.95
60 C 7028. 8-oz. Tube. . . . . Each 5.00

RUBBER ENCAPSULANTS AND CATALYSTS

Type 3110. White, low viscosity silicone rubber base. Deep curing. 1-lb. can.
60 C 6788. . . . . Each 5.60

Type 3112. White, medium viscosity silicone rubber base encapsulant. 1-lb. can.
60 C 6789. . . . . Each 5.60

Type 3120. Red, medium viscosity silicone rubber base. High temp. type. 1-lb. can.
60 C 7029. . . . . Each 5.60

60 C 6790. Type "F" Catalyst. Cures in 15 minutes to 4 hours. 1.6-oz. tube. . . . Each .60

60 C 6791. Type "S" Catalyst. Cures encapsulant in 4 to 8 hours. 1.6-oz. tube. Ea. .60

60 C 6792. Type "H" Catalyst. Heat-accelerated cure: also room temp. 1.6-oz. tube. Ea. .60

SILASTIC RTV 732 ADHESIVE

General-purpose silicone rubber adhesive and sealant, ready-to-use as supplied. Requires no catalyst or heat—reacts with moisture in the air and immediately begins curing to rubber. Vulcanizes in 24 hours at 77°F and 50% relative humidity. Moisture resistant and heat stable. Shpg. wt., 2 oz.
60 C 7033. 2-oz. Tube. . . . . Each 1.50

TYPE 4X SPRAY

Handy mold release, rubber servative and water repellent. as lubricant and insulator. Rea to-use as supplied. Sprays rectly from its aerosol contai Ideally suited for a wide variet factory maintenance and proc tion problems. Applications clude: waterproofing ignition tems; reducing battery term corrosion; preventing locks from stick Shpg. wt., 1½ lbs.
60 C 7024. 16-oz. Can. . . . . Each

SYLGARD 184 RESIN

Sylgard 184 Resin. Low viscosity, solven and transparent for temperature sens devices. Pot life is 2.5 hours after cu agent added. Cures without exotherm i hours at room temperature—or, in 4 h at 149°F. Specifications: hardness, S A Scale 30; minimum dielectric stre (ASTM D 149), 500 volts/mil; heat stab up to 392°F. 100 parts resin to 10 p curing agent by weight. Shpg. wt., 1
60 C 8750. 1-Lb. Kit. . . . . Each

PLASTIC ASSOCIATES READY-TO-USE EPOXY CEMENTS

PA-1101 THERMA-BLEND EPOXY PASTE

Thoroughly factory-mixed and ready-to-use epoxy cement in paste form. Saves much valuable production time on assembly lines when used for cementing, sealing, insulating and protecting. Works on practically any type of porous and non-porous material. Needs no mixing—only catalyst necessary is the application of 400°F heat from an ordinary heat lamp, oven or an open flame. Curing time is 6 minutes at 400°F; at 360°F, curing time increases to 40 minutes. Once Therma-Blend epoxy cement paste is cured, it forms a perfect and permanent bond. Maintains great sheer strength, even at high temperature extremes. Meets MIL-A-8623 specifications. Supplied in convenient 1½-oz. squeeze tube. Shpg. wt., 2 oz.
60 C 7680. 1½-oz. Tube. Each 2.00

PA-1000 AND PA-1001 ROOM-TEMPERATURE AIR-CURE EPOXY KITS

Pre-measured two-component mi package to prepare air-curing, short life epoxy cement without waste. C lyst and resin are vacuum-sealed in p ethylene container. Includes stir stick. Adheres to most porous or non-porous materials. Cures —50°F to +250°F. Cured bond has tensile strength of 1900 Shpg. wt. per pkg., 8 oz.

Stock No.	Mfr's Type	No. of Units	Oz. per Unit	EAC
60 C 7690	PA-1000	10	1/10	2.5
60 C 7691	PA-1001	10	1/5	4.0

CHOOSE THE TV ANTENNA, ROTATOR SYSTEM THAT BEST MEETS YOUR RECEPTION NEEDS

2 *Key Factors in Getting the Very Best Television Picture and FM Broadcast Reception Possible . . .*

1. OUTDOOR ANTENNA

orn-Out Antennas Destroy Picture Quality—"ghosts," "snow," nd other interference can be caused by a weather-worn anenna system. Before blaming your TV, check your antenna.

oday's Antennas Offer Better Color-TV Pictures—color TV emands an antenna with flat frequency response. Color anennas in Allied's catalog have this flat response, *plus* high direcivity to fight unwanted signals that spoil color reception.

's Easy to Install Your Own TV Antenna—all antennas in this atalog are designed for easy installation. Use regular houseold tools. You can often use your old antenna mast. But heck your present lead-in wire—worn lead-in spoils pictures.

2. PRECISION ROTATOR

Color TV Comes Alive with a Good Antenna Rotator—only a well-aimed antenna gets the lifelike color pictures you expect. If your picture varies in quality from station-to-station, or you live in a fringe area, a rotator may be a "must."

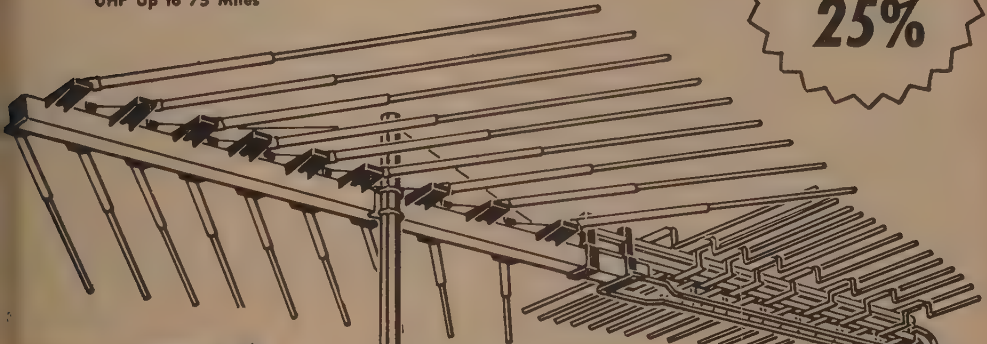
Receive Stations from More than One City—many communities receive signals from more than one locale. A rotator makes it easy to zero-in on all stations without leaving your easy-chair.

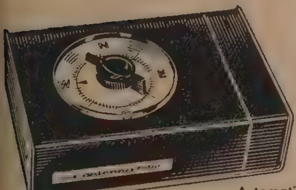
Rotators Improve Stereo-FM Reception—if you live in a difficult or fringe area, a rotator can tune out unwanted multipath (ghost) signals for superior channel separation, freedom from interference, and reduced distortion. Improves monaural FM, too.

Save! Antenna and Rotator System

Save 25%

VHF-FM Up to 125 Miles
UHF Up to 75 Miles





Automatic Control Unit

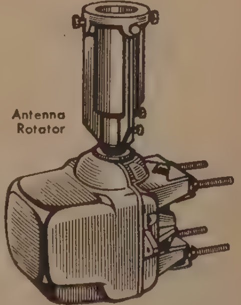
VHF-UHF-FM ANTENNA WITH AUTOMATIC ROTATOR SYSTEM

Save $16.95 **$49.95** $5 monthly

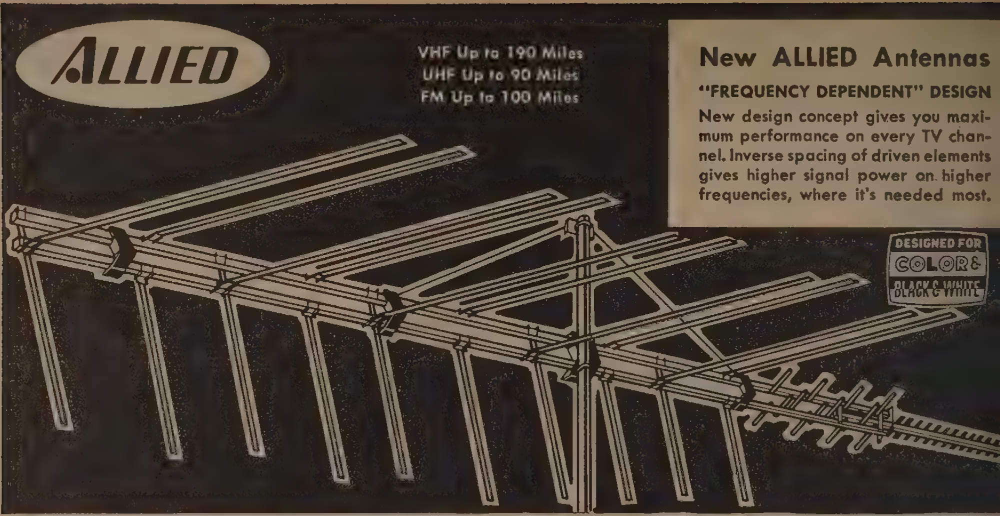
- FINCO UHF-VHF-FM Color Antenna
- CDE Automatic Antenna Rotator

Separately $66.90. Sensational Allied value! Deluxe antenna outfit for movie-clear TV pictures on channels 2 through 83, plus strong, static-free FM reception. Includes: Finco UVF-24 Color/Black-White Antenna, plus Gornell-Dubilier AR10B Automatic Rotator and Control Unit. Antenna has 24 triple-thick, sleeved, driven elements; tough 143⅜" square boom; continuous one-piece drive line and exclusive air-insulated crossover spacer. Lock-tite, no-tilt saddle bracket; double contact to drive line; revolutionary step-staggering UHF section; rust-fighting weatherproof "Gold Corodized" finish. Antenna requires only one down-lead. UHF-VHF splitter is included.

Automatic rotator assures best possible reception from each station, especially in fringe areas. Just set pointer on control unit's compass dial to desired direction, and antenna turns to that direction automatically. Turning radius, up to 6½ feet. Rotator adapter gives added support to mast. Thrust bearing permits mounting of antenna 5 feet above rotator for easier movement. Mounts on chimney, wall, eave, or roof. Rust-resistant. Less mast. Shpg. wt., 27 lbs.
11 C 0083L2 ZW. *$5 Monthly* 49.95



Antenna Rotator



VHF Up to 190 Miles
UHF Up to 90 Miles
FM Up to 100 Miles

New ALLIED Antennas

"FREQUENCY DEPENDENT" DESIGN

New design concept gives you maximum performance on every TV channel. Inverse spacing of driven elements gives higher signal power on higher frequencies, where it's needed most.

New ALLIED Super-Power "Colorset" VHF-UHF-FM Antennas

"COLORSET 60" SUPER-POWER DEEP-FRINGE ANTENNA

With VHF-UHF Splitter

$39.95

- ✓ Our Strongest, Most Powerful 3-in-1 Antenna
- ✓ Frequency-Dependent Concept for High Gain
- ✓ Directive Design for More Signal Power
- ✓ Super-Power Antenna—60 Active Elements
- ✓ Multiple-Drive Elements Increase Sensitivity
- ✓ Heavy-Duty 184″ Long Double-Boom

Extra-Heavy-Duty Construction

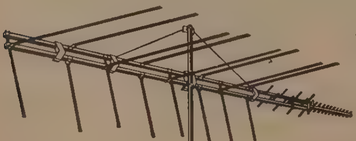
- Triple-Thick, Rugged Sleeved Elements
- Wrap-Around Brackets Are 300% Stronger
- Double-Size Arrowhead Insulators
- Bridge-Type Boom Suspension
- Gold-Corodized to Fight Corrosion

The new super-power "Colorset 60" boasts revolutionary "Frequency Dependent" design for sharper-than-ever UHF reception, as well as superior performance on VHF. This is our strongest and most powerful three-in-one antenna. It is the best value in an all-purpose VHF-UHF-FM antenna—compare it with any brand for price and performance. Sixty active elements permit movie-clear pictures in color or black-and-white, and pull in FM stations many miles away.

Twin-boom is preassembled for easy installation, and supports all 60 elements: 30 half-wave driven elements for channels 7-13, and 7 driven and 12 parasitic elements for channels 14-83; plus 10 elements for TV channels 2-6 and FM. High signal-pulling power (gain) and flat frequency response for clearest reception. Good directivity fights ghosts for distortion-free color.

The Colorset 60 boasts a special design that makes it our stronge antenna. And it's gold-corodized inside and out to fight corrosi and maintain its handsome appearance. Massive arrowhead i sulators with wraparound brackets provide 300% greater streng than conventional construction. Triple-thick, sleeved elemen Bridge-type boom construction prevents sagging. Exclusive boo support and sidesway control complete a masterful mechanic design.

Includes VHF-UHF signal "splitter" so you need run only one lea in to receiver—place splitter behind receiver, then run two lea from splitter to VHF and UHF antenna terminals on receiv Special filter network isolates signals. 300 ohms. Foam-type lead recommended. Less mast. Truck or express.
11 C 2005 ZW. Shpg. wt., 14¾ lbs. *$5 Monthly*.........39.9



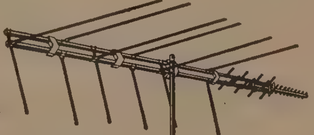
"COLORSET 50" FRINGE ANTENNA

$34.95

$5 monthly

- VHF Up to 160 Miles
- UHF Up to 80 Miles
- Full 152″ Boom Length

Similar to "Colorset 60" above but for mid-fringe areas. Engineered for bright, vivid, true-to-life color, plus sharp black-and-white TV and clear FM. Has 8 low-band and FM driven elements, 24 half wave high-band driven elements, 7 driven and 11 parasitic UHF elements. Brings in sharp pictures on VHF channels 2-13 and UHF channels 14-83; clear FM or FM stereo reception. Gold-corodized to fight rust. 300 ohms. Foam-type lead-in recommended. Less mast. Includes VHF-UHF signal splitter. Truck or express. 12¾ lbs.
11 C 2006 ZW. *$5 Monthly*.......34.95



"COLORSET 40" NEAR-FRINGE

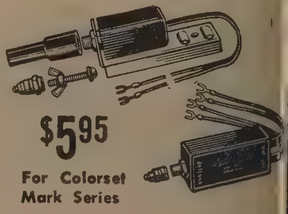
$31.95

$5 monthly

- VHF Up to 140 Miles
- UHF Up to 70 Miles
- 117″ Boom Length

Similar to "Colorset 60" above, but for near-fringe areas. Frequency-Dependent design for sharp and true-to-life color, extra-sharp black-and-white on any channel. Has 6 low-band and FM driven elements, 18 half-wave high-band driven elements, 40 driven UHF elements. Gives sharp, clear pictures on all VHF and UHF channels, 14 to 83; plus clear FM and FM stereo reception. 300 ohms. Foam-type lead-in recommended. Less mast. Includes VHF-UHF signal splitter. Accepts 75-ohm conversion kit (right). Truck or express. 10 lbs.
11 C 2007 ZW. *$5 Monthly*........31.95

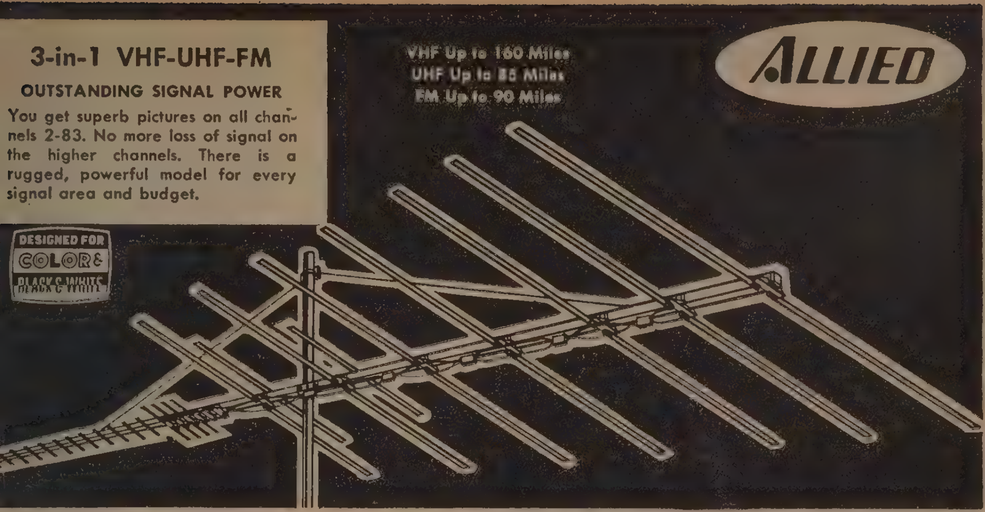
75-OHM CONVERSION KIT



$5.95

For Colorset Mark Series

Convert Allied Colorset and Mark series 300-ohm antennas to use low-loss 75-ohm coaxial cable downlead for improved reception in problem areas, and improved color reception everywhere. Antenna booms are pre-punched for 75-ohm matching transformers. Behind-set transformer matches the 75-ohm coax downlead and splits the UHF and VHF into the 300-ohm terminals found on most TV sets. With hardware and connectors. Wt., 1 lb.
11 C 1337.................5.95



3-in-1 VHF-UHF-FM

OUTSTANDING SIGNAL POWER

You get superb pictures on all channels 2-83. No more loss of signal on the higher channels. There is a rugged, powerful model for every signal area and budget.

New *ALLIED* "Mark" Powerful Color VHF-UHF-FM ANTENNAS

"MARK 26" DEEP-FRINGE ANTENNA

With VHF-UHF Splitter

$29.95

$5 monthly

- ✓ One Antenna Serves All Needs—UHF-VHF-FM
- ✓ Frequency-Dependent Design for High Power
- ✓ Multiple-Drive Elements for Extra Sensitivity
- ✓ Brings You Sharp, Clear, True Color Reception
- ✓ Superb FM and FM Stereo Multiplex Reception
- ✓ 123½" Long, One-inch Square Boom

Heavy-Duty Construction

- One-Piece UHF and VHF Drive Lines
- Years of Trouble-Free Service
- Protective Gold Corodized Finish
- Tough Bracket-Reinforced Elements
- Hi-Impact Crossover Spacers

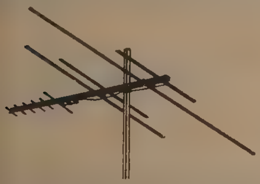
w powerful "Mark 26" has "Frequency Dependent" design for ellent performance on any channel. Gain on UHF channels 14-83 reatly improved. Just one antenna serves all your needs—VHF nnels 2-13, UHF channels 14-83, and FM or FM stereo multix. Has 26 active elements so that even in fringe or problem as you get lots of signal power and flat response. Multiple-drive nents provide increased power (gain). Sharply directive design its ghosts.

tenna brings you true color—brighter, more natural, vivid truelife pictures free from the unnatural color that can lessen the oyment of your favorite program. Adds eye-pleasing warmth to r color viewing. Improves black-and-white reception with sharppictures. Strengthens FM or FM stereo multiplex signals so you oy full realism, hear more stations than ever before.

Provides many years of trouble-free service. Easy to install, uses just one down-lead. Entire antenna is protected from corrosion by beautiful gold-corodized finish. Has one-piece UHF and VHF drive lines; bracket reinforced elements for extra strength. Snap-lock brackets; hi-impact crossover spacers; channel type UHF elements of spring temper aluminum. Suspension support for 1"-square 123½" long boom. Preassembled. Maximum width open is 9'.

Has 300-ohm impedance, but is adaptable to 75-ohm cable using Allied 75-ohm Conversion Kit on facing page. Less mast. For 300-ohms, use foam type lead-in; for 75 ohms, coax. Includes VHF-UHF splitter to split signal from antenna to permit connecting independent leads to VHF and UHF antenna terminals. Shipped by truck or express. Shpg. wt., 9½ lbs.

11 C 2012 ZW. *$5 Monthly* 29.95



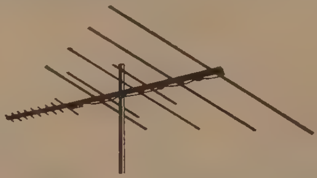
ARK 10" METROPOLITAN ANTENNA

$9.95

- VHF Up to 35 Miles
- UHF Up to 20 Miles
- FM Up to 25 Miles

uare heavy-duty 40" boom. Spring temper minum drive lines, channel type UHF ments, bracket-reinforced VHF elements. ohms; use foam lead-in. Preassembled. ss mast. With splitter. Truck or express. pg. wt., 3½ lbs.

C 2011 XW. 9.95



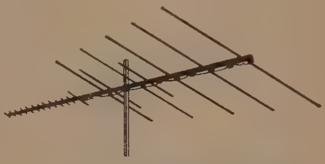
"MARK 15" NEAR-FRINGE ANTENNA

$14.95

- VHF Up to 70 Miles
- UHF Up to 50 Miles
- FM Up to 55 Miles

Gold-corodized. 1"-sq. heavy-duty 69" boom. Spring temper aluminum drive lines, channel type UHF elements. Preassembled. 300 ohms. Foam-type lead-in recommended. Less mast. With splitter. Truck or express. Shpg. wt., 5¼ lbs.

11 C 2010 ZW. 14.95



"MARK 20" FRINGE ANTENNA

$19.95

- VHF Up to 125 Miles
- UHF Up to 65 Miles
- FM Up to 75 Miles

High power, flat response. Gold-corodized. Heavy-duty 1"-sq. boom, 93" long. Snap-lock brackets. Preassembled. 300 ohms. Foam-type lead-in recommended. VHF-UHF splitter. Less mast. Truck or express. Shpg. wt., 7 lbs.

11 C 2009 ZW. *$5 Monthly* 19.95

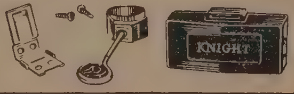
ALLIED VHF-UHF-FM SPLITTER-COUPLER

'or Colorset and Mark Series. "Splits" signal to permit running *three* independent leads to receiver—UHF, VHF, FM. Instructions, hardware.

1 C 1340. Shpg. wt., 5 oz. 3.95

$3.95

Complete



Big Savings on Allied Antenna Outfits

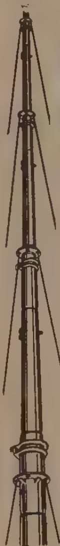
PICK THE VHF-UHF-FM ANTENNA SYSTEM THAT FILLS YOUR NEEDS

Enjoy best possible TV and FM coverage with a deluxe antenna system. Nothing else to buy—you get everything needed for a complete installation. Available in three different combinations to suit your individual taste and requirements—**Basic Antenna and Mast Outfit, Manual Control Rotator Outfit, Pushbutton Rotator Outfit.** Save! Outfit prices are less than the total price of individual components purchased separately. Take advantage of these offers and enjoy movie-clear pictures with a complete antenna outfit.

ANTENNA TOWER SYSTEM FEATURING PUSHBUTTON ROTATOR CONTROL

Low As $99.00
$5 monthly

- Perfect Antenna Adjustment
- Virtually Windproof
- Pushbutton Control Box



COLORSET 60 PUSHBUTTON ROTATOR OUTFIT

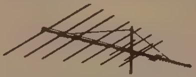
Separately, $112.97. Cornell-Dubilier AR33 solid-state Auto-rotor "beams" antenna into position, with 1% accuracy, for finest reception of color and black-and white TV, and FM. Pushbutton 360° compass-dial operation, adjustable to any 5 stations. Heavy-duty construction; silent operation.

Takes up to 510 inch-pounds pressure without stalling; cannot be blown off station while control is energized. Operates from 117 VAC. Outfit also includes the Allied deluxe "Colorset 60" 82-channel VHF-UHF-FM antenna.

Mast (choose height suited to your terrain), all-angle mount; guy wire; 100-ft. tubular twin line; lightning arrestor, ground rod, wire; wood standoffs; turnbuckles; signal splitter. Shipped by truck or express.

11 C 0020 L4Z W. Outfit with 20′ Mast. 69 lbs. 99.00
11 C 0021 L4Z W. Outfit with 20′ Mast. 86 lbs. 109.00

"MARK 26" PUSHBUTTON ROTATOR OUTFIT

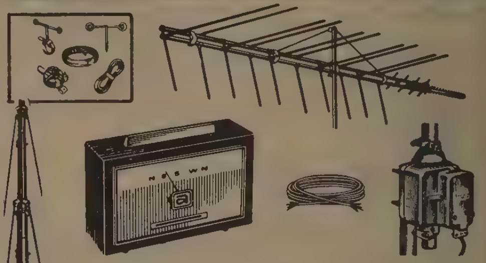


Low As $89.95
$5 monthly

Separately, $102.97. Features Cornell-Dubilier AR33 solid-state Auto-rotor described above, plus Allied Mark 26 VHF-UHF-FM antenna. Offers 160 mile range with uniform gain on all VHF channels, plus UHF and FM. Complete with 20- or 40-ft. mast; all-angle mount; guy wire; 100-ft. low-loss twin line; lightning arrestor; signal splitter and necessary hardware for a complete installation. Shipped truck or express.

11 C 0023 L4Z W. Outfit with 20-ft. Mast. 74 lbs.......89.95
11 C 0024 L4Z W. Outfit with 40-ft. Mast. 91 lbs.......97.50

ANTENNA TOWER SYSTEM FEATURING MANUAL ROTATOR CONTROL



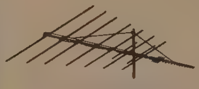
Low As $79.95
$5 monthly

"COLORSET 60" ANTENNA—MANUAL ROTATOR OUTFIT

Separately, $87.00. Allied "Colorset 60" antenna for 82-channel color, black-and-white TV, FM coverage plus Alliance T-45 Manual rotator. With mast; mount; guywire; 100-ft. twin line; lightning arrestor; ground rod; wire splitters; standoffs; turnbuckles. 117 VAC. Truck or express.

11 C 0011 L4Z W. Outfit with 20-ft. Mast. 69 lbs...... 79.95
11 C 0012 L4Z W. Outfit with 40-ft. Mast. 86 lbs...... 89.95

"MARK 26" ANTENNA—MANUAL ROTATOR OUTFIT

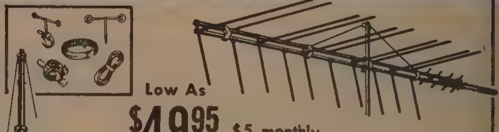


Low As $69.95
$5 monthly

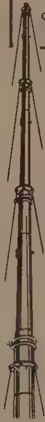
Separately, $77.00. Above, except Allied "Mark 26" VHF-UHF-FM antenna. Truck/exp.

11 C 0013 L4Z W. 20-ft. Mast Outfit. 68 lbs............69.95
11 C 0014 L4Z W. 40-ft. Mast Outfit. 85 lbs............79.95

VHF-UHF-FM ANTENNA AND MAST SYSTEMS



Low As $49.95 **$5 monthly**



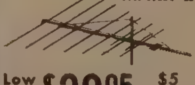
"COLORSET 60" ANTENNA/MAST OUTFIT

- For Color or Black-and-White TV plus Stereo FM
- Includes Everything for a Quality Antenna Installation

Separately, $56.28. Features Allied "Colorset 60" antenna for 82-channel coverage of color, black-and-white TV, plus stereo FM. Includes: 20-or-40-ft. mast; mount; guy wire; 100-ft. twin line; lightning arrestor; ground rod; wire; standoffs; turnbuckles; splitter. Truck or express.

11 C 0016 L3Z W. Outfit with 20-ft. Mast. 37 lbs.....49.95
11 C 0017 L3Z W. Outfit with 40-ft. Mast. 62 lbs.....59.95

"MARK 26" ANTENNA—MAST OUTFIT



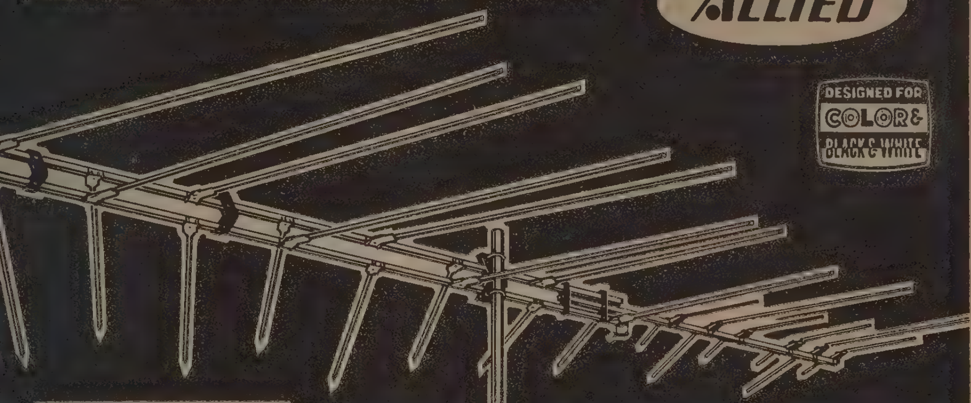
Low As $39.95 **$5 monthly**

Separately, $46.28. Above except "Mark 26" VHF-UHF-FM antenna. Truck or express.

11 C 0018 L3Z W. 20-ft. Mast Outfit. 34 lbs............39.95
11 C 0019 L3Z W. 40-ft. Mast Outfit. 59 lbs............49.95

Allied VHF Antennas, Outfits

ALLIED



$29.95 $5 monthly

Range Up to 200 Miles

NEW SUPER 5-STAR DEEP-FRINGE VHF ANTENNA

- Advanced Theory of Increasing Gain vs. Frequency
- Twin-Boom Construction of Rugged Aluminum Alloy
- Dual Band Vee Elements for Optimum Performance
- High-Impact Box-Girder-Design Insulators
- Double U-Bolt Assembly for Clamping Strength
- Flanged Quadri-Lock Double Snap-Action Brackets
- Weather-Protected by Gold Corodized Finish
- 11¾" Boom with Sagproof Suspension Rods

Super-powered antenna for superior color and black-and-white pictures, even in deep-fringe areas. Twin 11¾-ft. boom construction of rugged, square high-strength aluminum alloy. Dual band vee-type elements operate as ten half-wave elements on low band (channels 2-6), and 28 half-wave elements on high band (channels 7-13). High-impact, box girder design insulators. Double U-bolt assembly for greater clamping strength and perfect alignment. Flanged quadri-lock double snap action element brackets for extra strength and positive alignment. Entire antenna weather-protected by attractive gold-corodized finish. Advanced theory of increasing gain vs. frequency insures highest quality reception. Impedance, 300 ohms. Less mast. Shpg. wt., 15 lbs. Shipped by truck or express.
11 C 1014 ZW. *$5 Monthly*..............................29.95

SAVE UP TO 13% ON COMPLETE TOWER AND ROTATOR OUTFITS

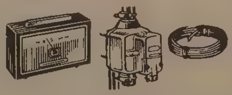
BASIC OUTFIT—5-STAR ANTENNA AND TOWER

With 20' Mast **$39.95** | With 40' Mast **$49.95**

Save Up to $8.34. 5-Star Antenna, "slip-up" mast, all-angle mount, guy wire, ground wire, 100' twin-line, lightning arrestor, hdwe.

Stock No.	Mast	Lbs.	EACH
11 C 0075 L3ZW	20'	40	39.95
11 C 0076 L3ZW	40'	65	49.95

5-STAR ANTENNA AND MANUAL ROTATOR OUTFIT

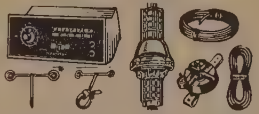


With 20' Mast **$69.95** | With 40' Mast **$79.95**

Save Up to $8.21. Basic Antenna Outfit, Alliance T-45 Rotator and Control Unit; 100' rotator cable, extra 5' mast.

Stock No.	Mast	Lbs.	EACH
11C0077L4ZW	20'	71	69.95
11C0078L4ZW	40'	88	79.95

ANTENNA AND PUSHBUTTON ROTATOR OUTFIT



With 20' Mast **$89.95** | With 40' Mast **$99.95**

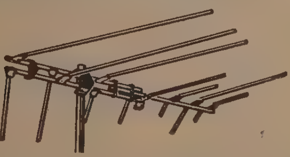
Save to $14.18. Basic Outfit; CDR AR-33 Pushbutton Rotator, Control Unit, 100' cable, extra 5' mast.

Stock No.	Mast	Lbs.	EACH
11 C 0079 L4ZW	20'	73	89.95
11 C 0080 L4ZW	40'	90	99.95

3-STAR FRINGE AREA VHF ANTENNAS

16.95

ange Up to
00 Miles

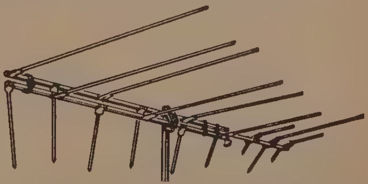


sensitivity and directivity for excellent performance in suburban and semi-fringe areas, de- ling on terrain and location. Seven "V" ele- ts operate as 5 elements on Ch. 2-6, 14 elements Ch. 7-13. Twin 65" boom. Gold-corodizing s corrosion. 300 ohms. Less mast. Trk./exp.
1072 ZW. Shpg. wt., 7 lbs..........16.95

4-STAR HEAVY-DUTY FRINGE VHF ANTENNA

$24.95
$5 monthly

Range Up to
150 Miles



High gain for semi-fringe areas and difficult terrain and location. Twin 95" boom of square high-strength aluminum alloy. Nine "V" elements operate as 7 half-wave elements on Ch. 2-6 and 20 half-wave elements on Ch. 7-13. Gold-corodized finish fights corrosion. Quadri-lock double snap-action element brackets for high strength and positive alignment. Advanced theory of increasing gain vs. frequency. 300 ohms. Less mast. Shpg. wt., 8¼ lbs. Shipped truck or express.
11 C 1016 ZW. *$5 Monthly*..............................24.95

JFD Log-Periodic VHF-FM and All-Band Antennas

Low As $14⁵⁴

A PRODUCT OF SPACE-AGE RESEARCH

Developed Through Research at the University of Illinois

Tops for color or black-and-white TV, plus stereo-FM. Designed to deliver camera-lens sharpness in virtually every location. Developed at the University of Illinois Research Laboratories and proved in Air Force satellite telemetry. LPV antennas feature harmonically resonant V-elements operating on the log-periodic cellular principle in the fundamental and 3rd harmonic modes. Receive all channels "best"—with maximum sharpness, clarity, freedom from snow and ghosts.

Gain: Up to 14 dB with extra power on high channels where it's needed.

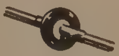
Bandwidth: Frequency-independent log-periodic design delivers broadband performance without discriminating against any channel or frequency.

Response: Consistently flat (± ½ dB) across both low and high bands for finest color reception.

Directivity: Sharpest of any all-band antenna. Fights noise, ghosts, interference, other unwanted signals.

Planar Grid UHF Driver

New UHF design steps-up gain, flattens response, narrows beam width on UHF channels 14 to 83.



Capacitor-Coupled Dipoles

Great antenna innovation. Unique electronic antenna principle uses series coupling capacitors to vastly increase the number of working elements. Gives you maximum gain and directivity in an antenna for VHF channels 2-13 or VHF-UHF channels 2-83.

Construction Features

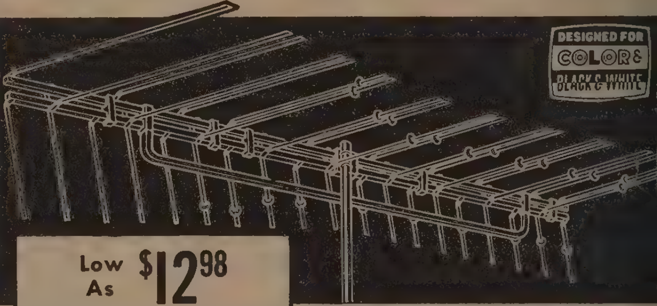
100% preassembled! "Flip-Quick" lets you snap elements into place in seconds. Gold Alodized finish fights corrosion, is electrically conductive. Life-time stainless-steel take-off terminals. Oversize "tank-turret" element bracket; nonbreakable heavy-wall Polypropylene "X" insulators; twin U-bolts with 6-inch mast grip span; Permanently riveted aluminum drive-line rod.

LOG-PERIODIC VHF-UHF-FM ANTENNAS

- Receive TV Channels 2-83 plus FM
- Sharp Directivity Fights Ghosts
- Gold-Alodized Finish Fights Corrosion
- Finest Color Reception on All Bands
- Extra-Clear Black-and-White Pictures
- Complete with UHF-VHF-FM Splitter

Today's most popular log-periodic design offers extra color sensitivity and efficiency (description at left). Sturdy, twin square aluminum crossarms, solid aluminum match transformers, LPV-VU180, LPV-VU150, and LPV-VU120 have boom braces for crossa support. All log-periodic antennas below have line splitters to run separate leads to VH UHF, FM terminals. All antennas are 300 ohms impedance. Foam-type lead-in reco mended. Less mast. Items with Z in stock no. shipped by truck or express.

Stock No.	Model No.	Elements	Boom Lgth.	Max. Width	Max. Range Miles			Shpg. Wt., Lbs.	EAC
					VHF	UHF	FM		
11 C 1666 ZW	LPV-VU180	35	206"	92"	150	90	60	20	48.7
11 C 1667 ZW	LPV-VU150	30	175¾"	92½"	125	80	50	15	41.7
11 C 1668 ZW	LPV-VU120	26	157"	92½"	110	70	50	15	34.7
11 C 1669 UW	LPV-VU90	21	119"	92½"	90	60	40	12	27.8
11 C 1670 UW	LPV-VU60	14	97"	91"	70	40	30	10	20.4
11 C 1671 UW	LPV-VU40	11	67½"	88"	50	30	25	7½	16.2
11 C 1672 XW	LPV-VU30	9	46½"	91"	40	30	20	5½	14.5


Low As $12⁹⁸

LOG-PERIODIC VHF-FM ANTENNAS FOR UP TO 200 MIL

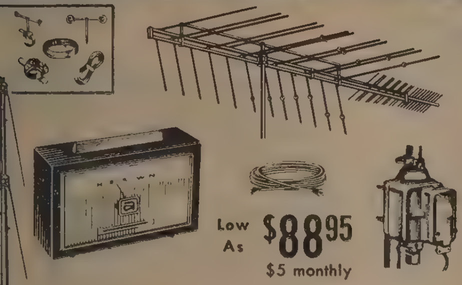
- Capacitor Coupled Dipoles Give Uniform Gain on All VHF Channels
- All Supplied 100% Preassembled
- Twin Square Aluminum Booms

Log-Periodic design for uniform response on all VHF-TV channels. For color or black-ar white TV, stereo or mono FM reception. LPV-TV190, LPV-TV160, LPV-TV130, LP TV100 antennas have boom braces. Others listed have same rugged construction, ne no boom braces. 300 ohm. Antenna less mast. "Z" items shipped by truck or expre

Stock No.	Model No.	Elements	Boom Length	Max. width	Range in Miles	Wt., Lbs.	EACH
11 C 1680 ZW	LPV-TV190	19	205"	92"	Up to 200	25	52.6
11 C 1681 ZW	LPV-TV160	16	176"	92"	Up to 175	19	40.5
11 C 1682 ZW	LPV-TV130	13	143"	92"	Up to 150	15	33.8
11 C 1683 ZW	LPV-TV100	10	112¾"	92"	Up to 125	11	27.9
11 C 1684 UW	LPV-TV80	8	81"	91"	Up to 100	8	21.4
11 C 1685 UW	LPV-TV60	6	70¾"	91"	Up to 75	6	16.1
11 C 1686 XW	LPV-TV50	5	56"	86"	Up to 50	4	12.9

Save Up to 13% on a Complete Antenna Outfit

ANTENNA TOWER SYSTEM WITH MANUAL ROTATOR CONTROL



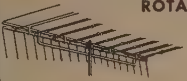
Low As **$88.95**
$5 monthly

VHF-UHF-FM ANTENNA–ROTATOR OUTFIT

- Manual Control Rotator System with Touch-Bar Action
- All Accessories Included for Complete Installation

Separately, $95.75. JFD LPV-VU180 Antenna for 82-channel color, black-and-white TV, FM coverage plus Alliance T-45 Manual Rotator. With mast; mount; guy wire; 100-ft. twin line; lightning arrestor, ground rod, wire splitter; standoffs; turnbuckles. 117 VAC. Exp.
11 C 0408 L4ZW. Outfit with 20-Ft. Mast. 71 lbs....88.95
11 C 0409 L4ZW. Outfit with 40-Ft. Mast. 88 lbs....98.95

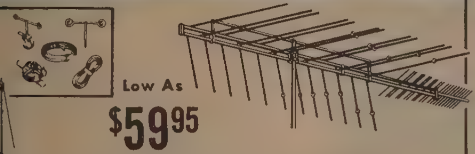
VHF-FM ANTENNA AND MANUAL ROTATOR OUTFIT



Separately, $99.72. Above except LPV-TV190 VHF-FM antenna. 20-ft. mast outfit. Truck/exp. 76 lbs.
11 C 0406 L4ZW...... 91.95
11 C 0407 L4ZW. 40-Ft. Mast Outfit. Truck/exp. 93 lb. 101.95

Low As **$91.95**

VHF-UHF-FM ANTENNA AND MAST OUTFIT ALONE



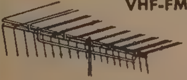
Low As **$59.95**

VHF-UHF-FM ANTENNA SYSTEM OUTFIT

- Perfect for Color or Black-and-White TV plus Stereo-FM

Separately, $65.03. Features JFD LPV-VU180 antenna for 82-channel coverage of color, black-and-white TV, plus stereo-FM. Includes; 20- or 40-ft. mast; mount; guy wire; 100-ft. twin line; lightning arrestor, ground rod, wire; standoffs; turnbuckles; splitter. Shipped by truck or express.
11 C 0412 L3ZW. Outfit with 20-Ft. Mast. 44 lbs....59.95
11 C 0413 L3ZW. Outfit with 40-Ft. Mast. 69 lbs....69.95

VHF-FM ANTENNA SYSTEM OUTFIT



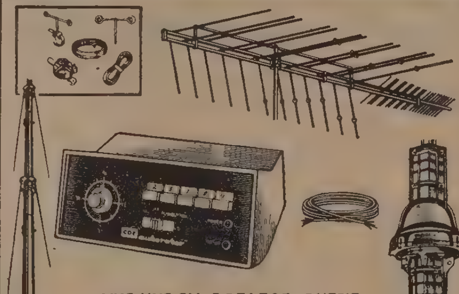
Separately, $69.00. Above except LPV-TV190 VHF-FM antenna. 20-ft. mast outfit. Truck/exp. 47 lbs.
11 C 0410 L3ZW...... 62.95
11 C 0411 L3ZW. 40-Ft. Mast Outfit. Truck/exp. 72 lb. 72.95

Low As **$62.95**

PICK THE JFD ANTENNA SYSTEM THAT FILLS YOUR SPECIAL NEEDS

Enjoy best possible TV and FM coverage with a deluxe antenna system. There's nothing else to buy—you get everything you need for a complete installation. Available in three different combinations to suit your individual requirements—**Basic Antenna and Mast Outfit, Manual-Control Rotator Outfit, Pushbutton Rotator Outfit.** And you save money, too! Outfit prices are less than the total price of individual components purchased separately. Why not take advantage of this offer and enjoy improved reception with a complete antenna outfit?

ANTENNA TOWER SYSTEM WITH PUSHBUTTON ROTATOR CONTROL



VHF-UHF-FM ROTATOR OUTFIT

Low As **$105.00**

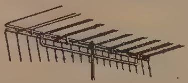
- Perfect Antenna Adjustment
- Virtually Wind Proof
- Pushbutton Control Box

Separately, $121.72. Cornell-Dubilier AR33 solid-state Autorotora "beams" your antenna into position for perfect reception of color and black-and-white TV, or FM. Features pushbutton 360° compass-dial operation, adjustable to any 5 stations; heavy-duty construction; silent operation; and ±1% accuracy.

Takes up to 510 inch-pounds pressure without stalling; cannot be blown off station while control is energized. Operates from 117 VAC. Outfit also includes LPV-VU180 log-periodic 82 channel VHF-UHF-FM antenna.

With mast (choose height suited to your terrain); all-angle mount; guy wire; 100-ft. low-loss twin line; lightning arrestor, ground rod, wire; wood standoffs; turnbuckles; signal splitter. Outfit shipped by truck or express.
11 C 0404 L4ZW. Outfit with 20′ Mast. 69 lbs....105.00
11 C 0405 L4ZW. Outfit with 40′ Mast. 86 lbs....115.00

VHF-FM PUSHBUTTON ROTATOR OUTFIT



Low As **$112.95** $6 monthly

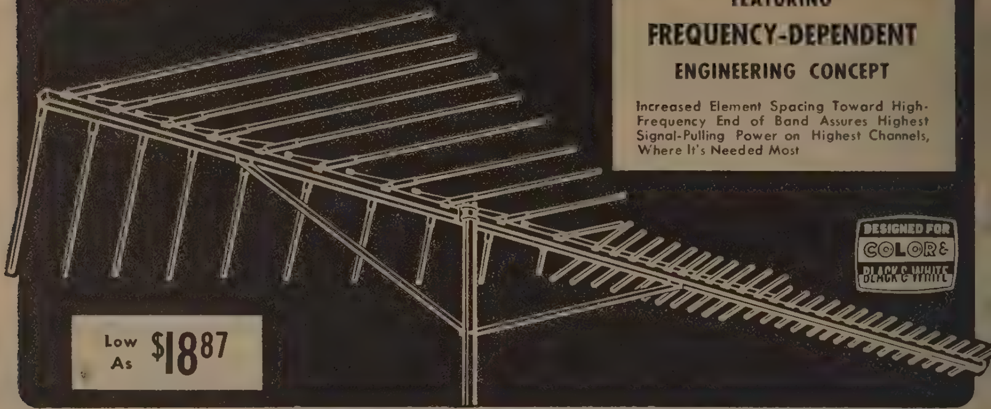
Separately, $125.69. Features Cornell Dubilier AR33 solid-state Autorotator described above, plus JFD LPV-TV190 log-periodic VHF antenna. Offers 200 mile range with uniform gain on all VHF channels plus FM. Complete with 20- or 40-ft. mast (terrain determines mast height); all-angle mount; guy wire; 100-ft. of low-loss twin line; lightning arrestor; signal splitter and necessary hardware for a complete installation. Outfit shipped by truck or express.
11 C 0402 L4ZW. Outfit with 20-Ft. Mast. 74 lbs...112.95
11 C 0403 L4ZW. Outfit with 40-Ft. Mast. 91 lbs...122.95

NEW at ALLIED

Finco VHF and VHF-UHF TV Antennas

FEATURING
FREQUENCY-DEPENDENT
ENGINEERING CONCEPT

Increased Element Spacing Toward High-Frequency End of Band Assures Highest Signal-Pulling Power on Highest Channels, Where It's Needed Most



Low As $18.87

VHF/UHF/FM FREQUENCY-DEPENDENT COLOR ANTENNAS—COAX OR 300-OHM

- Frequency-Dependent Design for Sharpest Color or Black-and-White Reception on Any UHF or VHF Channel
- Low-Loss 75-Ohm Coax or 300-Ohm Twin-Lead Models
- One-Piece Low-Loss Drive Line with Isolating Stub

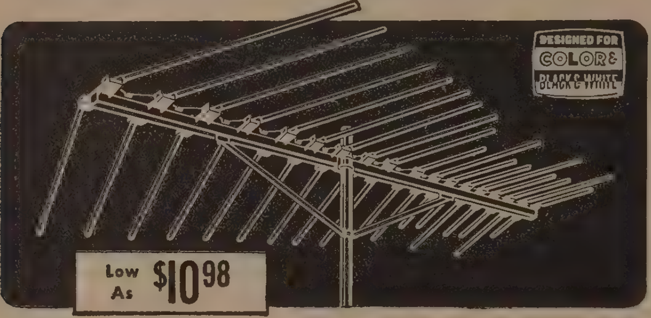
Swept-element Ve-Log antennas offer superb VHF and UHF reception of color and black-and-white. Drive system features increased spacing toward the high end of VHF and UHF bands for highest power and flat response on each channel. High front-to-back ratio, plus built-in isolating stub system to fight ghosts. Choice of six sizes, for either 300-ohm twin-lead or 75-ohm coax. All 75-ohm models assure superior color pictures with low signal loss and excellent shielding. Construction features include heavy-duty 1" square boom in "lock-tite" no-tilt saddle and heavily-sleeved el ments to combat high winds. One-piece aluminum rod drive li with pedestals for positive spacing. Antennas are gold-corodiz to fight corrosion and give long-lasting beauty. Preassembl snap-out construction for easy installation. 300-ohm antennas i clude behind-set splitter—foam-type lead-in recommended. 75-oh models include coax connectors and antenna transformer, plus b hind-set transformer/splitter. Less mast. Shipped truck or expre

75-Ohm Coaxial Cable Color-Spectrum VHF/UHF/FM Antennas

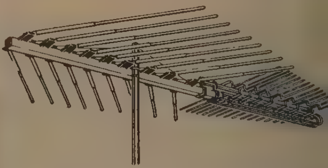
Stock No.	Mfr's Type	Elements VHF	Elements UHF	For Use In Areas With	Boom Lgth.	Wt., Lbs.	EACH
11 C 1458 ZW	XCS-D3	10	26	Very weak VHF and UHF	204⅛"	14	49.42
11 C 1459 ZW	XCS-C3	8	22	Weak VHF, very weak UHF	166½"	10	43.12
11 C 1460 ZW	XCS-C2	8	12	Weak VHF and UHF	138¼"	9	38.08
11 C 1461 ZW	XCS-B3	6	22	Moderate VHF, very weak UHF	139⅛"	7	36.82
11 C 1462 ZW	XCS-B2	6	12	Moderate VHF, weak UHF	111⅛"	6½	30.52
11 C 1463 ZW	XCS-B1	6	7	Moderate VHF, strong UHF	93"	6	24.22

300-Ohm Ve-Log VHF/UHF/FM Antenna

Stock No.	Mfr's Type	Elements	EAC
11 C 1464 ZW	CS-D3	36	43.5
11 C 1465 ZW	CS-C3	30	37.7
11 C 1466 ZW	CS-C2	20	32.7
11 C 1467 ZW	CS-B3	28	31.4
11 C 1468 ZW	CS-B2	18	25.1
11 C 1469 ZW	CS-B1	13	18.8



Low As $10.98



UVF-24 VHF/UHF/FM ANTENNA

Ve-Log antenna has 15 UHF. 9 VHF el ments for sharp color or black-and-whi pictures in fringe areas. Rugged constru tion with step-staggered UHF sectio Gold-corodized. 300 ohms. Less mas Truck or express.

11 C 1355 ZW, Wt., 11 lbs..........37.9

FREQUENCY-DEPENDENT VHF-TV/FM COLOR ANTENNAS COAX OR 300-OHM

Ve-Log VHF antennas provide the same frequency-dependent high-gain and front-to-back ratio as antennas above, for super-sharp pictures in color or black-and-white on channels 2-13, plus outstanding FM and stereo-FM performance. Ten models give choice of range (up to 200 miles) and lead-in impedance—standard 300-ohm or 75-ohm shielded coaxial cable. 75-ohm antennas offer finest color reception, require no lead-in standoffs. Rugged construction, with 1" square boom in "lock-tite" no-tilt saddle, triple-thic sleeved elements. Continuous one-piece drive line has insulate crossover spacer—pedestals assure positive spacing. Gold-corodize boom and elements; preassembled for fast, easy installation. Foam type lead-in recommended for 300-ohm antennas. 75-ohm model include coax connectors, antenna transformer and behind-s transformers. Less mast. *Shipped truck or express.

75-Ohm Coaxial Cable Color-Spectrum Antennas

Stock No.	Mfr's Type	Elements	TV Range Up to	FM Range Up to	Boom Lgth.	Wt., Lbs.	EACH
11 C 1712 ZW	XCS-V18*	18	200 miles	90 miles	181"	15	40.42
11 C 1713 ZW	XCS-V15*	15	175 miles	75 miles	155"	14	35.38
11 C 1714 ZW	XCS-V10*	10	125 miles	50 miles	119"	10	28.32
11 C 1715 UW	XCS-V7	7	100 miles	50 miles	81"	7	20.95
11 C 1716 XW	XCS-V5	5	75 miles	50 miles	54"	5	16.35

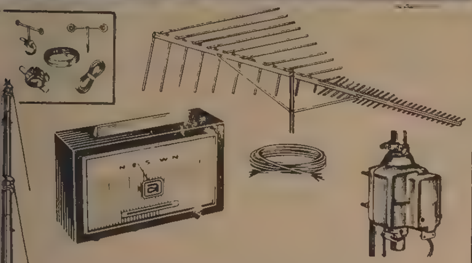
300-Ohm Ve-Log Antennas†

Stock No.	Mfr's Type	Elements	EACH
11 C 1717 ZW	CS-V18*	18	35.60
11 C 1718 ZW	CS-V15*	15	30.65
11 C 1719 ZW	CS-V10*	10	22.65
11 C 1720 UW	CS-V7	7	15.72
11 C 1721 XW	CS-V5	5	10.98

†NOTE: 300-Ohm Antennas Have Same Range, Boom Length and Shp Wt. as 75-Ohm Antennas with the Same Number of Element

Save Up to 15% on Finco TV Antenna Outfits

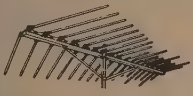
VHF/UHF/FM ANTENNA TOWER SYSTEM WITH MANUAL ROTATOR CONTROL



Low As $82.85

- All-Channel 36-Element Antenna
- Frequency Dependent Design
- Everything for Easy Installation

Separately $90.55. Features Finco CS-D3 VHF/UHF/FM antenna and Alliance T-45 Manual Rotator System. With 20 or 40-ft. mast; all-angle mount; guy wire; 100-ft. tubular twin line; lightning arrestor; signal splitter; hardware. Rotator for 117 VAC. Shipped truck or express.
11 C 0084 L4Z W. Outfit with 20-ft. Mast. 71 lbs.....82.85
11 C 0085 L4Z W. Outfit with 40-ft. Mast. 88 lbs.....92.85

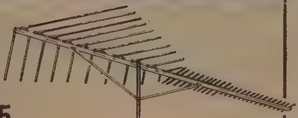


VHF-FM SYSTEM WITH MANUAL ROTATOR

Separately $82.65. Same outfit as above, except CS-V18 VHF antenna. Truck or express.
11 C 0086 L4Z W. 20-ft. Mast Outfit. Wt., 76 lbs........74.95
11 C 0087 L4Z W. 40-ft. Mast Outfit. Wt., 43 lbs........84.95

Low As $74.95

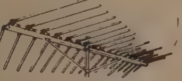
VHF/UHF ANTENNA TOWER SYSTEM ALONE



Low As $52.85

- All-Channel 36-Element Frequency-Dependent Antenna
- Choice of 20-Ft. or 40-Ft. Mast for Easy Mounting
- Includes Everything You Need for Installation

Separately $59.83. Features Finco CS-D3 antenna for 82-channel coverage of color or black-and-white TV, plus stereo-FM. Includes: 20- or 40-ft. mast. mount, guy wire, 100-ft. twin line, lightning arrestor, hardware, signal-splitter. Shipped by truck or express.
11 C 0088 L3Z W. Outfit with 20-ft. Mast. 44 lbs... 52.85
11 C 0089 L3Z W. Outfit with 40-ft. Mast. 69 lbs. 62.85



VHF ANTENNA TOWER SYSTEM

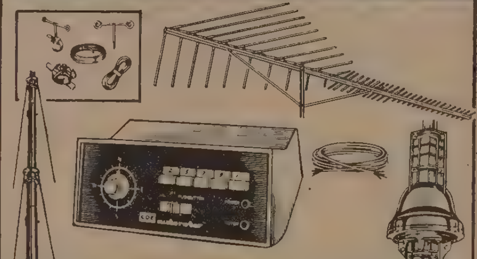
Separately $51.93. Same as above, except CS-V18 VHF antenna. Shipped truck or express.
11 C 0090 L3Z W. 20-ft. Mast Outfit. Wt., 45 lbs........44.95
11 C 0091 L3Z W. 40-ft. Mast Outfit. Wt., 70 lbs........54.95

Low As $44.95

PICK THE ANTENNA SYSTEM THAT FILLS YOUR SPECIAL NEEDS

Enjoy the best possible TV and FM reception with a deluxe Finco antenna system. There's nothing else to buy—you get everything you need for a complete installation. Available in three different combinations to suit your individual requirements—**Basic Antenna and Mast Outfit, Manual Control Rotator Outfit, Automatic Rotator Outfit.** And you save money, too, because outfit prices are *less* than the regular price of individual components purchased separately. Take advantage of this offer and enjoy improved reception with a complete antenna outfit.

VHF/UHF ANTENNA TOWER SYSTEM WITH PUSHBUTTON ROTATOR



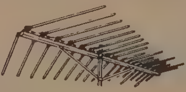
Low As $99.00

- Fully Automatic
- Pushbutton Control
- 82-ChannelAntenna

Separately $116.52. Cornell-Dubilier AR-33 solid-state Autorotor® "beams" your antenna into position for clearest possible picture from station, in color or black-and-white. Great for FM, too. Easy pushbutton operation, with 5 buttons adjustable to any five stations. Has 360° compass-dial; heavy-duty construction; silent operation; and ±1% direction accuracy. Takes up to 510 inch-pounds pressure without stalling; cannot be blown off-station while control is energized. Contemporary-style control unit operates from 117 VAC.

Outfit also includes Finco CS-D3 82-channel antenna with high-gain frequency dependent design. With 20 or 40-ft. mast (choose height to suit your terrain), all-angle mount, guy wire, 100-ft. tubular twin line, lightning arrestor, hardware, behind-set signal splitter. Shipped by truck or express.
11 C 0092 L4Z W. Outfit with 20-ft. Mast. 69 lbs...99.00
11 C 0093 L4Z W. Outfit with 40-ft. Mast. 86 lbs..109.00

VHF AUTOMATIC ROTATOR SYSTEM

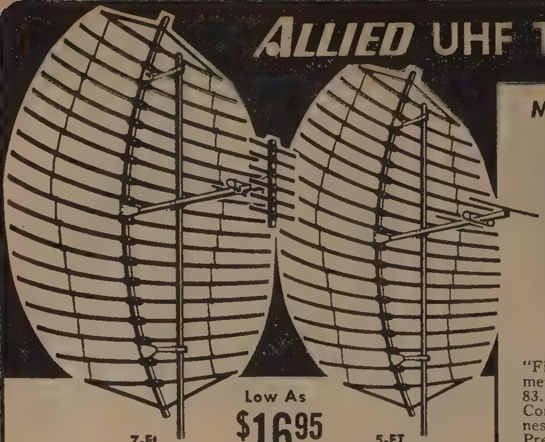


Low As $94.95

Everything for Your VHF System

Separately $108.62. Features Cornell-Dubilier AR-33 solid-state Autorotor described above, plus Finco CS-V18 frequency dependent VHF antenna. Offers 200-mile range with highest gain on all VHF channels plus FM. Complete with 20 or 40-ft. mast (local terrain determines height); all-angle mount; guy wire; 100-ft. low-loss twin line; lightning arrestor; signal splitter; all hardware for a complete installation. Shipped by truck or express.
11 C 0094 L4Z W Outfit with 20-ft. Mast. 74 lbs.....94.95
11 C 0095 L4Z W. Outfit with 40-ft. Mast. 91 lbs...104.95

ALLIED UHF Television Antennas



Low As **$16⁹⁵**

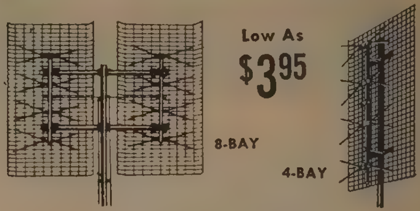
SEVEN-FT.-DIAMETER PARABOLIC UHF ANTENNA

Boasts the same type of configuration used for satellite tracking. Radar-type design makes this one of the most effective UHF antennas you can buy. Parabolic screen offers extremely sharp directivity for good reception of UHF channels 14 through 83 up to 130 miles away. Screen is curved to focus signals on special collector elements, offering maximum signal strength with excellent rejection of ghosts and other unwanted signals. All-aluminum with gold-corodized finish that fights corrosion. "Umbrella" type snap-out design for fast installation. Gain ranges from 17 dB on channel 14 to 21 dB on channel 83. 300 ohms. Foam-type lead-in recommended. Less mast. Shipped truck or express.
11 C 1706 UW. Shpg. wt., 13½ lbs. *$5 Monthly*. . . . **27.95**

FIVE-FT.-DIAMETER PARABOLIC UHF ANTENNA

Easy-to-assemble snap-out parabolic design, same as 7-ft. model above. All aluminum; corrosion-fighting gold-corodized finish. Effective range to 80 miles. Gain: 14 to 18.6 dB. 300 ohms. Foam-type lead-in recommended. Less mast.
11 C 1015 XW. Shpg. wt., 6½ lbs. **16.95**

MULTI-BAY UHF BOW-TIE ANTENNAS



Low As **$3⁹⁵**

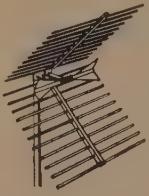
8-BAY UHF BOW-TIE ANTENNA

"Fidelity-phased" colinear design with synchronized elements for sharp directivity and high gain on channels 14-83. Reception up to 75 miles. For color or black-and-white. Consists of two 4-bay units with solid-aluminum-rod harness. Double cross member. Rustproof aluminum hardware. Preassembled. Fits any size mast. 300 ohms. Foam-type lead-in recommended. Shipped truck or express. Less mast.
11 C 1709 UW. Shpg. wt., 12 lbs. **9.95**

4-BAY UHF BOW-TIE ANTENNA

Provides excellent color and black-and-white reception of channels 14-83. Range to 55 miles. Rugged aluminum. 300 ohms. Foam-type lead-in recommended. Less mast.
11 C 1064 XW. Shpg. wt., 5 lbs. **3.95**

CORNER-REFLECTOR ANTENNA

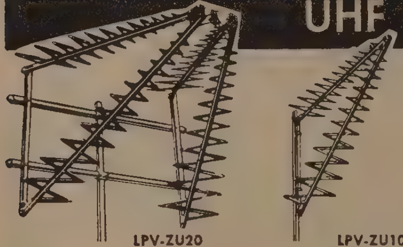


$3⁹⁵ less mast

- Range to 45 Miles
- Gold-Corodized
- High Directivity

Large screen for extra-sharp directivity and high gain. Fights ghosts, snow and other annoying interference. All-aluminum construction. 300 ohms. Less mast. Foam-type lead-in recommended. Shpg. wt., 5 lbs.
11 C 1070 XW. **3.95**

UHF Television Antennas by JFD



LOG-PERIODIC "ZIG-A-LOG" UHF ANTENNA

$19⁸⁸ less mast

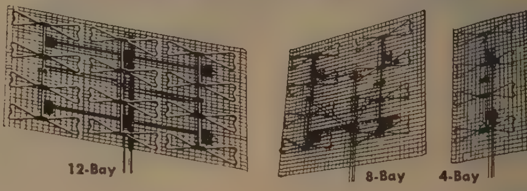
- Advanced Log-Periodic Design
- Provides Up to 17 dB Gain
- Very Sharp Directivity

MODEL LPV-ZU20. Two-bay "Zig-A-Log" is excellent for color or black-and-white reception. Range of up to 125 miles. Features advanced log-periodic design. Two vertically-angled narrow-width conductors are scaled according to log-periodic formula. Frequency-independent horizontal and vertical beam patterns for good directivity and 16-17 decibel gain. High front-to-back ratio helps prevent ghosts. Gold-alodized to fight corrosion. Crossarm, 45". 300 ohms. Foam-type lead-in recommended. Less mast. Shpg. wt., 6 lbs.
11 C 1179 W. *$5 Monthly* **19.88**

SINGLE BAY LOG-PERIODIC "ZIG-A-LOG" UHF ANTENNA

LPV-ZU10. Log-periodic single-bay antenna for high-contrast color or black-and-white UHF reception up to 75 miles; 13.5-14 dB gain. Gold-alodized aluminum. Preassembled. 300 ohms. Use foam lead. Less mast.
11 C 1180 XW. Shpg. wt., 4 lbs. **9.38**

MULTIPLE-BAY BOW-TIE UHF ANTENNAS



Up to 125 Miles **$22¹⁴** · Up to 100 Miles **$13¹⁴** · Up to 50 Miles **$4⁹²**

12-BAY BOW-TIE ANTENNA FOR DEEP-FRINGE AREAS

UHF 212. Super-sensitive "cardioid" dipole design for extremely high gain, averaging 15 dB, over all channels 14-83. For color or black-and-white, up to 125 miles, with sharp directivity. Wire grid gives high signal-to-noise ratios. Presssembled. 300 ohms. Foam-type lead-in recommended. Less mast. Shipped truck or express.
11 C 2551 ZW. Shpg. wt., 15 lbs. *$5 Monthly*. **22.14**

8-BAY BOW-TIE ANTENNA FOR FRINGE AREAS

UHF 208. Outstanding UHF reception up to 100 miles. Galvanized steel reflector, solid aluminum bows, 12 dB gain. Preassembled. 300 ohms. Use foam-type lead in. Less mast. Truck or express.
11 C 2550 ZW. Shpg. wt., 8 lbs. **13.14**

4-BAY BOW-TIE FOR LOCAL UHF

UHF 202. Large reflector for 8 dB gain, range to 50 miles. Individual channels peaked. 300 ohms. Less mast.
11 C 2151 XW. Shpg. wt., 6 lbs. **4.92**

Blonder-Tongue UHF Converters and Antennas

IT'S EASY AND INEXPENSIVE TO ADD UHF WITH BLONDER-TONGUE CONVERTERS

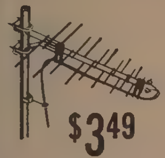
New TV stations going on the air will be on UHF channels 14-83. You can easily equip your VHF set to tune them . . . just install a UHF antenna (often on your present mast), and plug-in a UHF converter. For color and black-&-white.

ULTRAVERTER

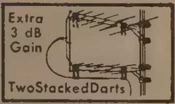
BATTERY-POWERED SOLID-STATE UHF CONVERTER

$13.20

BTD-44. Amazing low price. Adds 70-channel UHF tuning to VHF set, dials just like a radio. Gives sharp undistorted pictures within 20-mile range. Reliable tunnel-diode operates instantly, operates with no heat. Uses one "D" battery (below) that lasts months. Stripless terminals. Wire-loop antenna. 300 ohms. 3x6⅜x3¾".
11 C 1324. Shpg. wt., 3 lbs. 13.20
18 C 5779. "D" Batteries. Shpg. wt., 14 oz. . . . . Pkg. of 2 for 33¢



$3.49

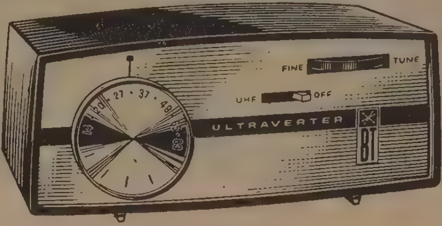


GOLDEN DART UHF ANTENNA

Delivers uniform peak performance on UHF channels 14-83. Advanced periodic design principle. Element arrangement provides a narrow forward beam for sharpest directivity, to cut ghosts, snow. Eleven elements deliver uniform 10 dB gain. Welded steel; gold-iridite finish. 300 ohms. Foam-type lead-in recommended. Less mast, with two U-bolts. 2 lbs.
11 C 1494 XW. 3.49

2-DART STACKING HARNESS

Stack 2 Darts for extra 3 dB gain.
11 C 1497XW. Wt., 1 lb. . . . . . . 93¢



DELUXE UHF CONVERTER–BOOSTER

$29.95

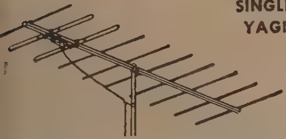
- Improves Fringe-Area TV
- Two-Transistor Circuit
- Has Fine-Tuning Dial

MODEL BTX-11A. Solid-state converter lets you tune all 70 UHF channels, with booster-amplifier for good reception even in weak-signal areas. Two-transistor circuit has high signal-to-noise ratio for sharp, clear picture and static-free sound. Provides excellent color as well as black-and-white. Calibrated 2-speed vernier dial with 100:1 ratio for precision tuning. Balanced 300-ohm input and output. Stripless screw terminals, pilot light. Includes wire-loop UHF antenna, with connection for outside antenna. Installs in minutes using only a screwdriver. Size, 3x6⅜x3¾". U.L. Listed. For 110-120 volts, 60 Hz AC. Shpg. wt., 3 lbs.
11 C 1394. *$5 Monthly* 29.95

LOW-COST UHF CONVERTER

MODEL BTX-99B. Economy converter with one-transistor circuit gives sharp picture from stations to 20 miles away. 300 ohms. Stripless terminals, wire-loop antenna. 3x6⅜x 3¾". 110-120 V, 60 Hz AC. U.L. Listed. 3 lbs.
11 C 1395. *$5 Monthly* 19.85

Finco Single-Channel Yagi and Trailer Antennas



SINGLE-CHANNEL SENSITIVE "GEOMATIC" YAGI-TYPE VHF TELEVISION ANTENNAS

High-quality yagi antennas for color or black-and-white reception in fringe areas. Provide maximum gain, sharp directivity, flat response and high front-to-back ratio. Gold-corodized aluminum fights corrosion. Single-channel or broadband models for high or low channels.

OUR CHOICE OF CHANNELS

GOLD CORODIZED SINGLE-CHANNEL Y10 SERIES

reception up to 125 miles. Ten elements. Av. shpg. wt., 4¼ lbs.

Stock No.	Model	Channel	EACH	Stock No.	Model	Channel	EACH
C 2236 XW	Y10-2	2	15.30	11 C 1384 XW	Y10-8	8	5.44
C 2237 XW	Y10-3	3	14.94	11 C 1387 XW	Y10-9	9	5.44
C 2238 XW	Y10-4	4	14.09	11 C 1388 XW	Y10-10	10	5.44
C 2240 XW	Y10-5	5	13.44	11 C 1389 XW	Y10-11	11	5.44
C 2241 XW	Y10-6	6	12.99	11 C 1390 XW	Y10-12	12	5.44
C 1380 XW	Y10-7	7	5.44	11 C 1393 XW	Y10-13	13	5.44

GOLD CORODIZED YAGI BROADBAND ANTENNAS

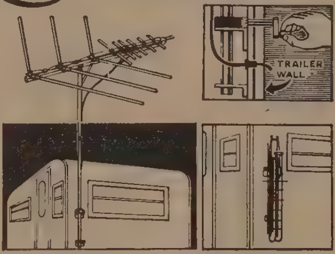
iles	Stock No.	Model	Channels	Boom	Elements	Lbs.	EACH
125	11 C 2559 XW	Y10-713	7-13	83"	10	4½	7.00
125	11 C 1710 XW	L 26	2-6	118"	6	3	16.21

STACKING KITS

Stock No.	Type	Application	Lbs.	EACH
C 2086 XW	GA	For stacking 2 same-chan. High Band (7-13) or 2 Y10-713 antennas	1	1.50
C 2075 XW	GB	For stacking 2 same-chan. Low Band (2-6) antennas	1	1.56
C 1711 XW	GC	For stacking 2 L-26 antennas	6	2.10

NEW

TRAILER ANTENNA



UP . . . a far-reaching broadband antenna

DOWN . . . locks out of the way

$39.95

- For 82-Channel VHF/UHF
- Rotates From In Trailer
- Folds Down for Travel

MODEL TTR-1. All-channel Color Spectrum antenna manually rotates 360° from inside trailer for superb color and black-and-white TV. Goes up in seconds, telescopes and folds down for travel. 9-element, gold-corodized. Easily mounted, with single lead-in and splitter. Shpg. wt., 8 lbs.
11 C 1073 XW. *$5 Monthly* 39.95
MODEL TTW-1. Same, but without rotator feature. Wall mounting. 6½ lbs.
11 C 1074 XW. 18.95

Improve Your FM with an Outdoor Antenna

FINCO HIGH-PERFORMANCE STEREO-FM ANTENNAS

$\$15^{57}$
$\$22^{77}$
Complete Outfit
$\$8^{37}$

STEREO-FM DIRECTIONAL FM-4G

- Six Elements for Reception Up to 125 Miles
- Designed for Simple, Quick Installation

Receive FM stations from up to 125 miles away with this gold-corodized 6-element antenna. Twin-driven double-wall aluminum elements, with impedance control "T" match stubs, offer high gain across full 88-108 MHz band. "Geomatic" design for high front-to-back ratio—you get stronger signals, and sharper directivity.

Strong, square aluminum boom is 7-ft., 9-in. long. "Lock-Tite-No-Tilt" mounting and "box girder" snap-out brackets are ready for quick installation. Requires mast and 300-ohm lead. Shpg. wt., 6½ lbs.
11 C 2503 ZW. Truck or express. .15.57

STEREO-FM DIRECTIONAL FM-5

- Ten Elements for Reception Up to 175 Miles
- Weather Resistant Gold-Corodized Finish

Superb 10-element antenna for peak FM reception up to 175 miles from the station. "Geomatic" design—twin-driven elements and precisely-spaced directors for highest gain. Gold-corodized finish is weather resistant. Rigid 10-ft. long square boom has suspension-type bracing.

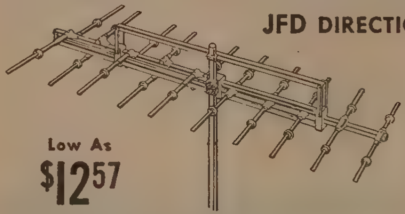
All elements are sleeve-reinforced; lock into open position in "snap-lock" brackets. Self-aligning brackets and double-wall aluminum elements are preassembled for easy installation. Requires mast and 300-ohm twin lead. 8½ lbs. Truck or express.
11 C 1329 ZW. *$5 Monthly*......22.77

ALL-DIRECTIONAL FMT-A ANTENN

Preassembled "turnstile" antenna does
require rotation or aiming to receive stati
from all directions. Can be mounted on y
present TV mast. Two elements accurat
matched with special quarter-wave phas
stub for optimum gain and all-directio
pick-up pattern. Provides strong recept
over entire 88-108 MHz FM band.

Gold corodized for complete weather p
tection. Kit includes: FM Antenna, 50 f
of 300-ohm Lead-In, Mast, Stand-
Insulator, 3 Screw-In Insulators, Brac
for mounting to your present TV mast. Sh
wt., 3¼ lbs.
11 C 1330 W......................8.

JFD DIRECTIONAL STEREO-FM LOG-PERIODIC ANTENNAS

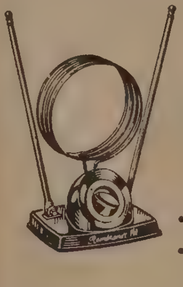


Low As $\$12^{57}$

- Clear Full-Strength FM Reception
- Wide-Band Response, Uniform High Gain
- Eliminates or Reduces "Ghost" Signals
- Weather-Resistant Gold-Anodized Finish

Helps pull in strong signals that are important for best stereo-FM channel separation and fade-free performance. Get clear, full-strength reception of more stations, thanks to wideband response and uniform high gain across the FM broadcast band. Up to 41% higher gain than yagis with comparable number of elements. Full-wave L-dipoles have higher front-to-back ratio for horizontal beam 10° to 25° narrower than yagis, for extra-sharp directivity. Eliminate or reduce "ghost" signals to bring you undistorted stereo reception. Have boom supports for rigidity even in 100-mph winds (not required on Model LPL-FM-4A). Gold anodized aluminum resists corrosion. Reinforced elements. 300 ohms impedance. Less lead-in. Shipped by truck or exp.

Stock No.	Model	Elements	Range Up To	Wt., Lbs.	EACH
11 C 1186 ZW	LPL-FM-10A	10	175 miles	10	31.47
11 C 1192 ZW	LPL-FM-8A	8	150 miles	8	25.52
11 C 1188 ZW	LPL-FM-6A	6	125 miles	6	18.87
11 C 1145 UW	LPL-FM-4A	4	75 miles	5	12.57



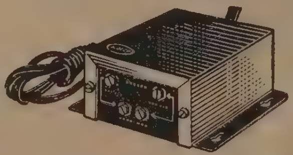
"STEREO KING" INDOOR FM ANTENNA

$\$6^{95}$

- Improves Stereo Separation
- Built-In Noise Filter

Model 1000. Indoor antenna pulls in more FM stations, improves signal quality on present stations. Ideal for stereo-FM. Four-section dipoles with induction coil and 12-position element selector for best possible reception. Includes noise filter for clear, pleasant FM listening. Walnut-finish base. Wt., 2½ lbs.
11 C 1385...................6.95

FINCO ACCESSORIES FOR BETTER FM RECEPTION



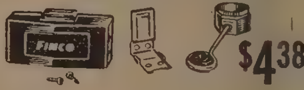
INDOOR FM SIGNAL AMPLIFIERS FOR DEEP & MEDIUM FRINGE AREAS

$\$16^{65}$

- Behind-Set Mounting
- 20 dB Nominal Gain
- Passive Filter Input

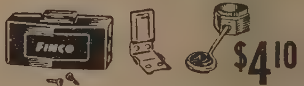
MODEL 65-7. High-gain, low-noise transistorized amplifier has a passive filter input circuit that rejects interfering signals outside the FM band. Improves reception of weak FM signals in deep or medium fringe areas, even where strong local signals are present. Also eliminates common overload characteristics. Isolation transformer eliminates shock hazard. 300-ohm input with output for one or two FM receivers. 117 VAC. 1¾x4x4½". Wt., 1½ lbs.
11 C 1225.......................16.65

FM INTERFERENCE FILTER



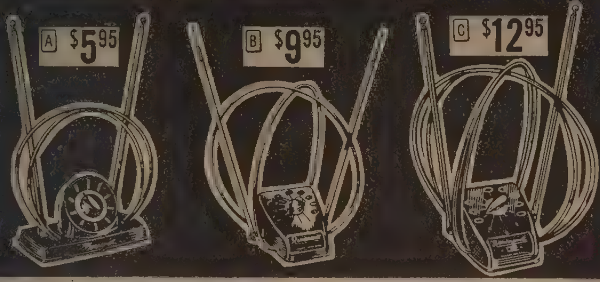
MODEL 3007. Blocks all signals except 8
108 MHz band. Eliminates or reduces T
CB, Ham and other frequencies to impro
FM signal reception. Easily mounted
antenna terminals or receiver. Comple
with universal mount and standoff insu
tor. Size, 1½x4½x2". Shpg. wt., 5 oz.
11 C 1167.........................4.

TV-FM ANTENNA SPLITTER



MODEL 3005. For TV-FM reception fro
one broad-band antenna. Triple-tun
bandpass filter separates signals—sends F
to radio and TV signals to TV set. Loss
only 1 dB. Easy to install. Complete wi
universal mount and standoff insulato
Size, 4¼x1¾x1³⁄₁₆". Shpg. wt., 4 oz.
11 C 1665.........................4.

Rembrandt TV/FM Antennas



"CLASSIC" UHF/VHF ANTENNA
oncentric rings and two long adjustable telescoping arms to tune out interrence for best reception. For both olor and black-and-white TV. Attracte high-impact plastic base with alnut-color finish. With UHF and HF leads. Shpg. wt., 2¾ lbs.
C 1574 XW................5.95

"DELUXE" UHF/VHF ANTENNA
here indoor antennas are a necessity, e Rembrandt "Deluxe" antenna ings you clearer and sharper pictures. or both color and black-and-white allannel TV reception. Right-angle loops ith two extra-long adjustable teleoping arms for pulling in TV chanls 2-83. Has dual control 12-position itch for tuning out interference. igh-impact plastic base with walnutlor finish. Shpg. wt., 3 lbs.
C 1371 XW................9.95

C "COLOR KING" UHF/VHF

- Special Color Phasing Loops
- Color Filter Control
- Twelve-Position Switch

Deluxe indoor TV antenna brings in clearer and sharper pictures on all VHF, UHF channels in your area. Designed for both color and black-and-white.

Combined action of special color phasing loops and color filter control help remove picture impurities for consistent true-to-life color reception.

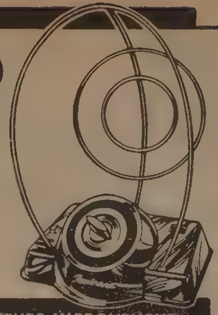
Twelve-position picture correction control has long-life silver-plated positive-action contacts. Helps clear up ghosts and snow even in the most difficult reception areas.

Separate low-loss UHF and VHF leads with matched impedance. Walnut finished base. Wt., 3½ lbs.
11 C 1722 XW..............12.95

NEW

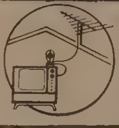
REMBRANDT TV COLOR COMPUTER

$12.95



INSTANT PICTURE IMPROVEMENT!

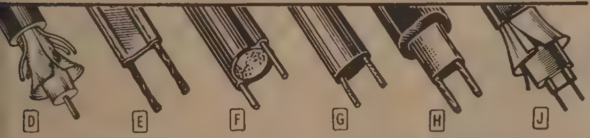
New Rembrandt TV color computer instantly improves the performance of any outdoor antenna. You receive clearer, brighter, sharper pictures at the flick of a dial.



Enjoy cleaner, brighter, sharper color and black-and-white pictures day after day. A flick of a dial effectively matches your roof antenna to your TV set under all atmospheric and weather conditions. Operates equally well on all VHF and UHF TV channels. Strengthens and regulates your picture's color, contrast, and brightness. Helps to eliminate ghosts and shadows, too. You install it yourself in minutes—just place the computer on top of your TV set, attach roof antenna lead to computer, and computer lead to TV set. Walnut finish. 4 lbs.
11 C 1750......................12.95

WIDE VARIETY OF TV AND FM TWIN LINE AND FOAM-TYPE TV CABLE

BELDEN TWIN LINE AND COAXIAL CABLE



TWIN LINE

TYPE 8228. New Duofoil® 75-ohm 82 channel coax cable for improved lor. Four spiralling drain wires prole equal distribution of stresses. 100% ielded. Mositure resistant. .242" O.D.
C 1751. 100-ft. Coil. 3½ lbs...6.17

TYPE 8230. Weldohm design for increased strength and conductivity. 28 stranded, copper-coated steel wire. most twice as strong as plain copper. rfect for long lead-ins. 70-mil web. bs. per 100'
C 1445 50-ft. Coil..............1.34
C 1447. 100-ft. Coil............2.22
C 1533 XW. 250-ft. Coil.......5.50

PE 8225. (Not illus.) For TV and FM tennas. 7x28 stranded copper conctors. Flat polyethylene jacket, 58-l web thickness. Outdoor use. t. per 100 ft., 1¾ lbs.
C 1441. 50-ft. Coil..........1.20
C 1443. 100-ft. Coil............1.97
C 1531 XW. 250-ft. Coil.......4.85

TYPE 8275. UHF-VHF type. High-quality, low-loss lead-in for all TV d FM installations. Ideal for color V. Cellular polyethylene core is filled th inert gas. Polyethylene jacket. 7x copper-coated steel conductors. 3½ s. per 100 ft.
C 1448. 50-ft. Coil.............2.70
C 1450. 100-ft. Coil............4.65
C 1536 XW. 250-ft. Coil......11.05

300-OHM LINE (Cont'd)

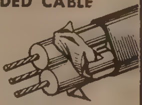
G TYPE 8235. 300-ohm oval twin line. Low-loss type for both UHF and VHF use. Copper-coated, 7x26 steel wire conductors. 185-mil web thickness. Resists extreme weather conditions. Jacket of 100% polyethylene. Supplied in 100-ft. coils only. Shpg. wt. per 100 ft., 4½ lbs.
11 C 1451. 100-ft. Coil...........5.35

H TYPE 8285. Low-loss 300-ohm UHF-VHF. Recommended for color TV. Provides unchanging electrical and physical characteristics. Durable, for any application. 22-gauge (7x30) copperweld conductors. Polyethylene insulation and webbing. Cellular polyethylene jacket. Outside diameter, ¼x15⁄32". Shpg. wt., 3½ lbs. per 100 ft.
11 C 1452. 50-ft. Coil............2.85
11 C 1454. 100-ft. Coil...........4.90
11 C 1539 XW. 250-ft. Coil......11.65

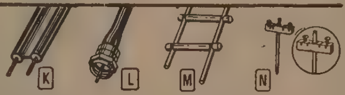
J TYPE 8290. Shielded ultra-low-loss lead-in is ideal for color. Mylar shielding cuts interference from ignition and other annoying electrical gear and appliances. May be run through conduit or run adjacent to metal. Extra-durable construction lasts for years. Shpg. wt., 3 lbs. per 100 feet.
11 C 1603. 50-ft. Coil............5.95
11 C 1605. 100-ft. Coil..........10.15
11 C 1655 XW. 500-ft. Coil......47.90

ALLIED

UHF-VHF MYLAR SHIELDED CABLE



300-ohm twin line for color, black-and-white. Lowest line loss for sharp, clear pictures. Shielding eliminates possibility of picking up unwanted signals or other interference. No. 20 stranded copper wire. Wt., 7 lbs. per 100 feet.
11 C 1189. 50-ft. Coil..................4.89
11 C 1200 W. 100-ft. Coil...............8.95
11 C 1201 W. 250-ft. Coil.............21.95

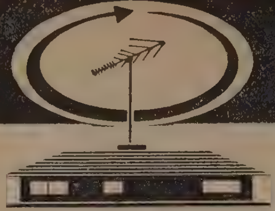


K UHF-VHF 300-OHM FOAM-TUBULAR TWIN LINE. Ideal for color and UHF. Moisture resistant black polyethylene tubing; copper stranded conductors. 2¼ lbs. per 100 ft.
11 C 1656. 50-ft. Coil..................1.98
11 C 1657. 100-ft. Coil.................3.79
11 C 1658 XW. 250-ft. Coil..............9.49

L TYPE RG-59/U TV CABLE. 75-ohm. Mylar shielded. With connector on each end.
11 C 1659. 50-ft. Coil..................4.49
11 C 1660 XW. 100-ft. Coil..............8.95
11 C 1661 XW. 250-ft. Coil.............15.95

M UHF-VHF 300-OHM OPEN LINE. Loss, 0.5 dB per 100 ft. at 200 MHz. Wt., 100 ft., 2¼ lbs. 250 ft., 3½ lbs. Minimum, 100 ft. coil.
11 C 1473. 100 ft. Coil.................3.29
11 C 1474 XW. 250-ft. Coil..............7.89

N OPEN LINE STAND-OFF INSULATORS. Slotted for 300, 450, or 600-ohm lines. 5½" nail type. 5 oz. Pkg. of 5.
11 C 1141......................Per Pkg. 79¢



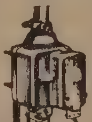
Rotator Systems Give You Best Color, Black-and-White TV

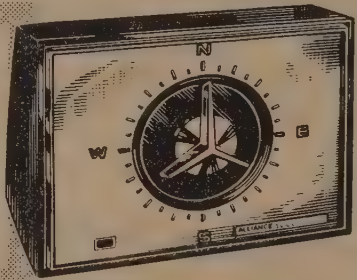
Proper antenna direction is essential for better all-around reception—especially color TV. Precise directional control gives you the best signal from every station for the clearest picture, in all reception areas. Improves stereo FM, too.

Color Comes Alive with an Antenna Rotator	Color signals are complex. A properly installed and aimed color antenna is the only way to get the true-to-life, movie-clear color pictures you expect—free from distorted or unnatural color.	**Pin-Point Every TV Station for Sharper Color**	In many cases a reception area is surrounded by a variety of broadcasting stations. A rotator system pinpoints each station you want. Merely pushing a button, the flick of a switch or the touch of a bar will do it.
Better Color from Fringe Area Stations	If you live in a fringe area where reception is poor, you'll be amazed at the difference a rotator can make. It lets you aim your antenna at the signal, locks in distant stations to give you maximum signal strength.	**Antenna/Rotator System for Natural Color**	If your color picture is not free from ghosts, distortion or smearing; if your TV set doesn't give the type of pictures you think it should, an Antenna Rotator System may be your answer. Control antenna from your living room.

ALLIANCE SOLID-STATE AUTOMATIC ROTATOR SYSTEM

$35.97
$5 monthly





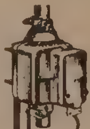
C-225. *Transistorized* control unit assures positive, stepless, synchronous antenna control throughout the full 360° rotation. Just set the dial—automatically aims your antenna to direction indicated. Completely silent—no solenoids. Extremely sensitive—accurately zeros-in on desired stations each time. Provides the extra sensitivity needed for color TV pictures.

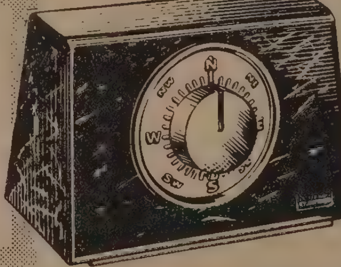
Features patented phase-sensing electronic bridge circuit for bright, clear pictures without interference; and thermostatically protected primary circuit. Magnetic brake and sensing circuit eliminate over-travel. Positive mechanical stop at end of rotation. Instantly reversible motor rotates at a speed of one rpm.

Moisture-sealed and factory-lubricated for life. All external hardware is either stainless steel or made of corrosion-resistant materials. Two-tone plastic control cabinet is 5x6½x4¼". 110-120 VAC. U.L. Listed. Order 5-conductor cable on following page.
11 C 1512 XW. Wt., 9½ lbs. *$5 Monthly*..... 35.97

ALLIANCE AUTOMATIC ANTENNA ROTATOR SYSTEM

$28.78
$5 monthly





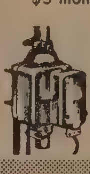
U-100. This economical, heavy-duty outfit provides positive, instant control of antenna rotation. Simply turn pointer on control unit's compass dial, and antenna automatically turns itself to the direction you have chosen, then stops. Permits positioning antenna for reception of strongest possible signal—reduces interference, gets brighter pictures, brings in distant stations.

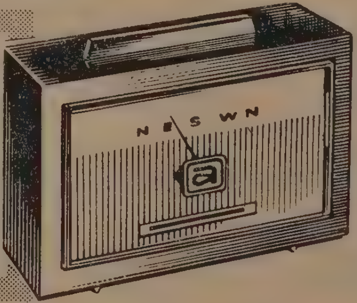
Rotates through 360° in just 60 seconds, with instantly reversible motor operating at speed of one rpm. Magnetic brake and positive mechanical stop at end of rotation prevent over-travel.

Factory-lubricated and moisture-sealed. External hardware is stainless steel or made of corrosion-resistant material. Handsome, modern control unit of mahogany plastic, 7x4½x4". Rotator unit, 8x7¾x4½". For 110-120 volts, 50-60 Hz AC. Requires 4-conductor rotator cable sold on following page. Shpg. wt., 10 lbs.
11 C 2442 XW. *$5 Monthly*................ 28.78

ALLIANCE MANUAL ROTATOR SYSTEM

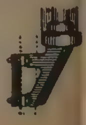
$23.98
$5 monthly





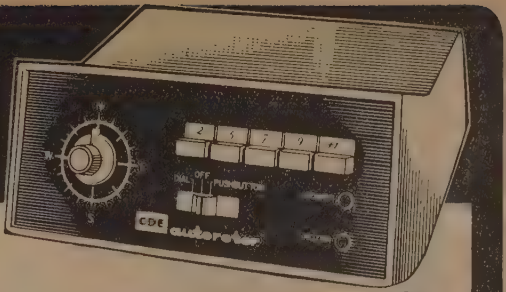
T-45. Our lowest-priced rotator. Just touch the control bar on control unit, and antenna rotates at one rpm until you release bar—pointer shows direction. Special feature lets you add extra control units if you have more than one TV set—control antenna from each set. Rotator is unaffected by motor current, cable length or line voltage. Rotates clockwise or counter-clockwise. Order five-conductor cable on following page. Control unit, 4½x6½x2½". 110-120 VAC. U.L. Listed.
11 C 1555 XW. Wt., 10 lbs. *$5 Monthly*..... 23.98
11 C 1690 XW. Extra Control Unit. Wt., 4 lbs..Ea. 13.95

ANTENNA THRUST-BEARING BRACKET



TBB2. Eliminates possibility of damage to rotator systems. Designed for use with heavier-type antennas. Minimizes strain on rotator by relieving it of antenna's weight. Protects gears against lateral strain. For masts to 1⅜" dia.
11 C 1246 XW. Wt., 3 lbs......... 2.91

CDE Antenna Rotator Systems

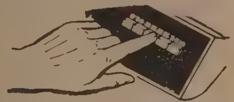


NEW at ALLIED

AUTOMATIC PUSHBUTTON ROTATOR SYSTEM

$49.95
$5 monthly

- Pushbutton Control
- Solid-State Circuit
- Modern Control Unit
- Bell Housing Rotator

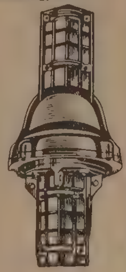


Most Advanced Antenna Rotator—Simply Push the Button for the Channel You Want—Powerful Rotator Swings Your Antenna Into Perfect Position for Superb Reception

AR-33. Fully automatic rotator system for perfect antenna control with the push of a button. Each of the five pushbuttons can be set for a specific TV station. When you switch channels, just press the button for desired channel—antenna rotates automatically to the preset direction for finest possible picture. Compass dial for manual control.

All-solid-state circuit gives positive, stepless operation. Rugged silicon transistors for reliable performance, heavy-duty relay contacts, thermally-protected transformers. Completely silent—accurately positions antenna within ±1% for precise directivity.

Heavy-duty Bell Housing Rotator has rugged in-line design and ball thrust bearings for maximum antenna support. Weather-protected, with high-torque motor and low-temperature operation. Cannot be blown off-station when control is energized. Contemporary-style control unit. For masts ⅞" to 2 1/16". Requires 5-cond. cable below. U.L. Listed. For 110-120 VAC.
11 C 1745 XW. Shpg. wt., 15 lbs. *$5 Monthly*.....49.95

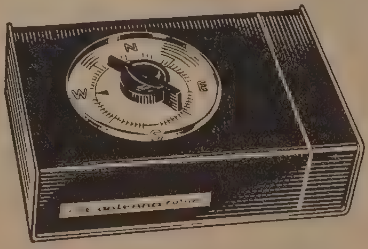


ROTATOR SYSTEM WITH AUTOMATIC CONTROL

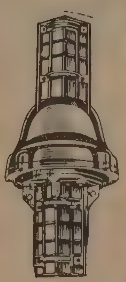
$34.95
$5 monthly

- Easy Dial Setting for Fast, Precise Antenna Rotation
- Bell-Housing Rotator
- Handles Up to 150 lbs.

AR-22R. Simple dial setting automatically positions antenna in 6° increments for precision tuning. Just set control for desired direction, then rotator takes over and turns antenna accurately to desired point. Rotates 360° in just 45 seconds, instantly reversible. Magnetic brake prevents over-travel. Reset switch in control base. Rotator mounts on mast, tower or platform. Permanently lubricated, with precision ball bearings and gears in die-cast, heavily reinforced "bell" housing. Strong, reversible clamps for masts ⅞" to 2 1/16" O.D. With 3 guy lugs. Requires 4-cond. cable below. Vinyl-covered control cabinet, 6¼x4¼x2 3/16". For 110-120 VAC. Shpg. wt., 15 lbs.
11 C 1396 XW. *$5 Monthly*.............34.95



Just Set Control for Desired Direction, Rotator Takes Over and Positions Antenna Precisely at Desired Point



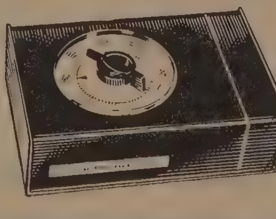
NEW at ALLIED

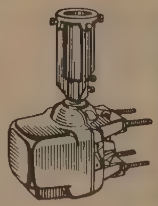
BUDGET-PRICED AUTOMATIC ANTENNA ROTATOR

$28.95
$5 monthly

- Automatic Control for In-Line, Non-Stacked Antennas
- Vinyl-Covered Control Unit
- Direct-Mounting Steel Mast

AR-10B. Turn knob to direction desired, rotator turns antenna quickly and accurately. Built-in stub mast and die-cast adapter provides secure, direct mounting of large arrays. Mechanical brake and high-torque motor. Die-cast zinc housing, lifetime lubricated bronze bearings. Order 4-cond. cable below. Shpg. wt., 10 lbs.
11 C 1744 XW. *$5 Monthly*.............28.95





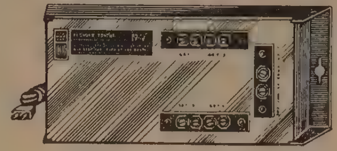
FOUR- AND FIVE-CONDUCTOR ROTATOR CABLE

OUR-CONDUCTOR CABLE. For use with Cornell-Dubilier AR-22R d AR-10B rotators above; Alliance U-100 rotator on opposite ge. Shpg. wt. per 100-ft., 3 lbs.
C 1237. 100-Ft. Coil.............2.99
C 1241. 250-Ft. Coil.............7.29

FIVE-CONDUCTOR CABLE. For use with CDE AR-33 above, and Alliance C-225 and T-45 rotators on opposite page. 100 or 250 ft. coil. Shpg. wt. per 100-ft., 3½ lbs.
11 C 1513. 100-Ft. Coil.............3.89
11 C 1515. 250-Ft. Coil.............9.95

Blonder-Tongue Antenna Amplifiers

INDOOR DISTRIBUTION AMPLIFIERS



All-Channel

$\$41^{42}$

$5 monthly

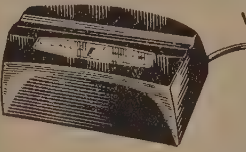
4-SET DISTRIBUTION VHF-UHF-FM AMPLIFIER

MODEL 4572. Use up to four sets with a single antenna, both UHF and VHF plus FM. Reliable solid-state circuit gives maximum signal-to-noise ratio for snow-free pictures, both color and black-and-white. Will not overload in strong signal areas, up to 0.2 volt. Flat response, high gain, excellent output isolation. Has 3 silicon transistors. Self-contained power supply. Single 300-ohm input, 4 combined UHF/VHF outputs. For TV channels 2 to 83 plus FM. Stripless screw terminals. 8¼x3¼x1⅞". For 110-120 volts, 60 Hz AC. 2 lbs.
11 C 1734. *$5 Monthly*.........................41.42

VHF/FM 4-SET DISTRIBUTION AMPLIFIER

MODEL 4571. Same as 4572, but with two transistors for VHF television channels 2-13 and FM band only. 300-ohm. 8¼x3¼x1⅞". For 110-120 volts, 60 Hz AC. Shpg. wt., 2 lbs.
11 C 1735.....................................16.75

INDOOR TWO-SET VHF-UHF-FM AMPLIFIER



$\$26^{85}$

$5 monthly

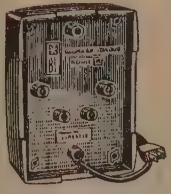
- Uniform High Gain
- Efficient FM Filter
- For Single Down-Leads

V/U-ALL-2. Provides high gain for bright color and sharp, steady black-and-white pictures without snow or interference. Can be used with a single receiver, or two receivers. For use with all-channel sets or VHF sets with UHF converters.

Obsolescence-proof—covers all TV channels 2 through 83—present as well as future channels. Circuit uses two high-stability silicon transistors for the utmost reliability and cool operation. Draws so little power that the unit need never be turned off. Built-in FM filter prevents overload.

Designed for use with single down-lead antennas. Input accepts combined UHF/VHF signals of 300-ohm impedance. Output is two combined signals at 300 ohms. Easily installed, for indoor mounting. Compact size, 2⅞x4x1⅝". For 110-120 volts, 60 Hz AC. Shpg. wt., 1 lb.
11 C 1342. *$5 Monthly* 26.85

VHF/FM COAXIAL DISTRIBUTION AMPLIFIER



Coaxial Splitter for Up to 4 Sets—Ideal for MATV

$\$16^{50}$

- Four 75-Ohm Outputs
- Channels 2-13 and FM

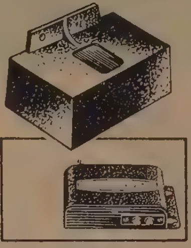
4569. Solid-state amplifier supplies signal for up to 4 sets from single 75 ohm coax downlead. Insures top quality reception in any area. Powerful low-noise silicon transistor circuit gives snow-free pictures, provides 5 dB typical gain at each output. High output isolation (14 dB typical). For channels 2-13 plus FM band. 75-ohm input and outputs. With five solderless connectors for coax cable. Mounts anywhere indoors. 4⅛x1⅞x1⅞". For 115 volts, 60 Hz AC. Shpg. wt., ¾ lb.
11 C 1736.....................16.50

VHF/FM 300-OHM 4-SET DISTRIBUTION AMPLIFIER

4570. Four-output amplifier for channels 2-13 and FM. Powerful, low-noise silicon transistor. High output isolation. 300-ohm balanced input and outputs. Stripless screw terminals. 3x4⅛x1⅝". For 115 V, 60 Hz AC. Wt., 1 lb.
11 C 1737...11.97

MAST-MOUNTING AMPLIFIERS

UHF-VHF-FM ANTENNA AMPLIFIER



Mast-Mount Amplifier with Indoor Remote Power Supply

$\$29^{98}$

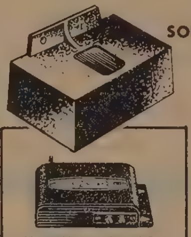
$5 monthly

- Transistor Circuit
- Weatherproof Housing
- Low Power Drain

MODEL 4565. Covers 82 TV channels, for clearer, sharper pictures. Mounts on mast for best signal-to-noise ratio. For single set. Single all-channel input for use with all-channel antenna. High-stability silicon transistors for brilliant color and black-and-white. Indoor remote power supply has separate 300-ohm UHF/VHF outputs. Filter prevents FM overload. Amplifier, 2⅞x4x1⅝"; power supply, 2⅞x4⅞x1⅜". For 110-120 VAC. 1½ lbs.
11 C 1733. *$5 Monthly*........29.98

4566. As above, but separate UHF and VHF inputs, outputs.
11 C 1343. *$5 Monthly*........35.25

SOLID-STATE VHF ANTENNA AMPLIFIER



Mast-Mount Amplifier with Indoor Remote Power Supply

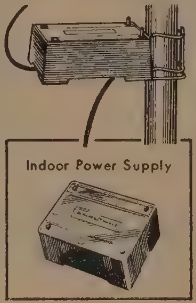
$\$24^{62}$

$5 monthly

- High-Gain Circuit
- Silicon Transistors
- Uses Little Power

4567. 300 OHMS. Powerful two-transistor circuit gives sharp color and black-and-white pictures. Pulls in weaker channels without overloading from strong local TV or FM stations. Provides 17 dB gain. Can be used with one or two TV sets. Silicon transistors provide the utmost in circuit stability and reliability. Uses little power. Amplifier mounts on mast, power supply indoors. Amplifier, 2⅞x4x1⅝"; power supply, 2⅞x4⅞x1⅜". 110-130 V, 60 Hz AC. Shpg. wt. 1½ lbs.
11 C 1344. *$5 Monthly*.......24.62

SOLID-STATE UHF ANTENNA AMPLIFIER



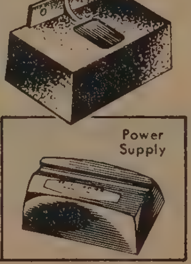
$\$29^{65}$

$5 monthly

- 2 Silicon Transistors
- Triples Signal Strength
- Uses Very Little Power

4568. Provides power for weak channels, yet does not overload strong channels. Average gain of 10 dB triples signal strength. Offers maximum signal-to-noise ratio for clear, strong pictures. Two ultra-stable silicon transistors for uniform high gain across entire UHF band. "Jiffy Mount" snaps onto antenna mast—amplifier slips over prongs for fast, secure installation. Remote power supply plugs into AC outlet. 300-ohm balanced input and output. Amplifier and power supply each 1⅝x2⅞x4". 110-120 V, 60 Hz AC. 1¼ lbs.
11 C 1508. *$5 Monthly*........29.65

HIGH-GAIN VHF-TV AND FM ANTENNA AMPLIFIER



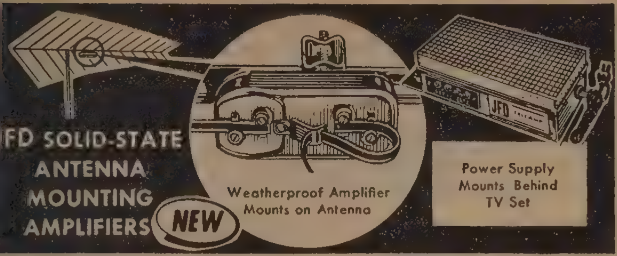
$\$91^{15}$

$5 monthly

- For Far-Fringe Areas
- Broadband Circuit
- 300 or 75 Ohms

4573. 25 dB gain on VHF-TV channels 2-13 and FM broadcast band. Increases signal voltage at least 18 times. Excellent for color reception. May be mast-mounted a mile away from set and AC power source (with open lead-in)—amplifies signal with no increase in line noise from lead-in. Needs no separate power line. Operation is automatic—amplifier turns on and off at RP-3 remote power supply. 300-ohm balanced input; 300 and 75-ohm outputs. Broadband circuit for high S/N ratio. Amplifier, 5x3x3"; supply, 8x3x2". 115 V, 60 Hz AC. Wt., 7 lbs.
11 C 1159. *$5 Monthly*........91.15

JFD and Jerrold TV Antenna Amplifiers


FD SOLID-STATE
ANTENNA
MOUNTING
AMPLIFIERS
NEW
Weatherproof Amplifier Mounts on Antenna
Power Supply Mounts Behind TV Set
JFD

"SNOW PLOW" MAST-MOUNT AMPLIFIERS

VHF/ UHF/ FM $37.50 $5 monthly

VHF Only $28.50 $5 monthly

UHF Only $28.50 $5 monthly

ODEL SP-2382. Offers bright, sharp HF-VHF color or black-and-white TV; ear, brilliant FM reception. Three-silin-transistor "Noverload" design—15 VHF gain; 18 dB UHF gain; 12 dB M gain. 300-ohm input, two 300-ohm tputs. Weather and lightning protected C amplifier unit mounts on antenna mast highest S/N ratio. No-strip terminals. ompact power supply with built-in split- mounts conveniently near TV receiver. eamplifier, 6½x2¾x3½". Power sup-; 5½x3½x¾". 110-120 V, 60 Hz AC. **C 1262.** Wt., 2 lbs. *$5 Monthly*.**37.50**

MODEL SP-2300. VHF-only mast-mounted amplifier increases picture clarity on channels 2-13; reduces ghosts, snow and interference. Same fine features as SP-2382 at left. 15 dB gain. 110-120 VAC. **11 C 1743.** Wt., 2 lbs. *$5 Monthly*.**28.50**

MODEL SP-2314. UHF-only mast-mounted amplifier offers full 15 dB gain on UHF channels 14-83. Improves overall performance of any UHF antenna. VHF bypass circuit reduces interference. Other features same as SP-2382. 110-120 VAC. **11 C 1263.** Wt., 2 lbs. *$5 Monthly*.**28.50**

NEW INDOOR AMPLIFIERS

JFD

DIRECTOR-82 UHF-VHF-FM

$28.50
$5 monthly

- Installs Anywhere
- Solid-State Circuit
- Improves Reception

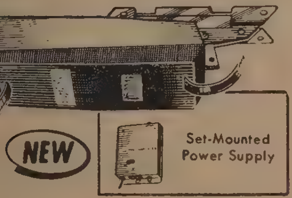
MODEL PC-4382. All-channel antenna amplifier improves reception on UHF and VHF channels 2-83, plus FM. "Noverload" silicon transistor; broadband design. 4-output splitter network; 8 dB gain per output. 300-ohm input, outputs. 5x3½x1¾". 110-120 V, 60 Hz AC. 2 lbs. **11 C 1264.** *$5 Monthly*..........**28.50**

DIRECTOR-12 VHF-FM ONLY

MODEL PC-4312. Same fine features as above, but operates on VHF channels 2-13. Excellent for color TV. Mounts in any position. 110-120 V, 60 Hz AC. 2 lbs. **11 C 1266**......................**18.00**

JERROLD TELEVISION AMPLIFIERS AND ACCESSORIES

MAST-MOUNTING ANTENNA AMPLIFIERS



VHF-FM HIGH-GAIN 5-TRANSISTOR AMPLIFIER

For Deep-Fringe Areas $65.50 $5 monthly

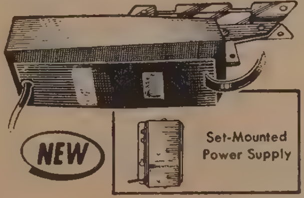
ODEL SPC-132AL. For extreme fringe eas or wherever high driver gain is eded. Improves reception of both black-d-white or color TV sets. 300-ohm init, 75-ohm coax output. Two-transistor ast-mounted amplifier; three-transistor t-mounted power supply. 29 dB gain on gh VHF band. Preamplifier in non-corsive Cycolac® case, 2¼x6¼x3⅜". ower supply, 4¾x3¾x1¼". With three 59A connectors, mounting hardware. ess down lead. 110-120 V, 60 Hz AC. **C 1435.** Wt., 3 lbs. *$5 Monthly*.**65.50**

VHF 2-TRANSISTOR AMPLIFIER

M-106. As above, 300-ohm input and tputs. 16.9 dB gain. Mast-mounted eamp, 2¼x6¼x3⅜"; power supply; 4¾ ¼x1¼". 110-120 V, 60 Hz AC. 2 lbs. **C 1416.** *$5 Monthly*..........**29.95**

UHF 2-TRANSISTOR AMPLIFIER

PM-104L. As above, 300-ohm input and tputs. 13.7 dB gain on UHF channels -83. Preamp, 2¼x6¼x3⅜"; power sup-y, 4¾x3¼x1¼". 110-120 V, 60 Hz AC. **C 1318.** Wt., 2 lbs. *$5 Monthly*..**33.50**



UHF-VHF-FM POWERMATE ANTENNA AMPLIFIER

Flat Response, 15.6 dB gain $39.93 $5 monthly

MODEL ACP-105L. 82-channel UHF-VHF amplifier with excellent gain and overload characteristics. Strengthens distant signals without interference from strong local stations. Up to 10.5 dB gain. Excellent noise, figure, flat response. Preamp unit mounts on antenna boom for maximum gain. Remote power supply has two 75-ohm outputs; mounts behind set. For color or black-and-white TV. 300-ohm input. Preamp, 2¼x6¼x3⅜". Power supply, 4¾x3¼x1¼". 110-120 V, 60 Hz AC. **11 C 1269.** Wt., 2 lbs. *$5 Monthly*.**39.93**

VHF ANTENNA AMPLIFIER

MODEL SPC-107L. 75-ohm impedance, as above, for VHF only. Great for color TV. Offers gain of 16 dB. Preamp, 2¼x6¼x3⅜. Power supply, 4¾x3¼x1¼". 2 lbs. **11 C 1502.** *$5 Monthly*..........**31.97**

75-OHM CONNECTORS

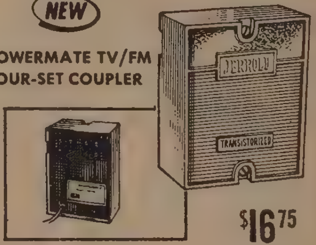
MODEL F-59A. Male RG-59/U connector for Jerrold 75-ohm equipment. 1 oz. **11 C 1742**....................**Each 36¢**

MODEL F-58. For Belden 8828 cable. **11 C 1272.** Wt., 8 oz..........**Each 36¢**

INDOOR TV AMPLIFIERS

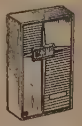
NEW

POWERMATE TV/FM FOUR-SET COUPLER



$16.75

MODEL TA-2DP Amplified coupler provides sufficient gain (2.2 dB at low-band, 3.6 dB at high band) to supply up to 4 TV sets from single antenna. (Higher gain with less than 4 sets.) Improves VHF-TV channels, plus FM. 300-ohm input and outputs. 3¼x4½x2", mounts on any surface. 110-120 V, 60 Hz AC. 2 lbs. **11 C 1270**......................**16.75**



MODEL TAC-4. UHF/VHF 4-way splitter/amplifier improves UHF-VHF TV reception, plus FM. Total gain, 10 dB, 3 dB for each output. 75-ohm input, outputs. 7$\frac{3}{16}$x4$\frac{3}{16}$x1⅞". Shpg. wt., 1½ lbs. **11 C 1738.** *$5 Mo*.**33.30**

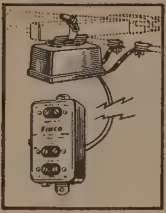
MODEL TC-88DP. VHF amplifier. Same as above but for VHF-TV, plus FM. Silicon transistor, inverse feedback circuit. 4 outputs, 75 ohms. 7$\frac{3}{16}$x4$\frac{3}{16}$x1⅞". 1½ lbs. **11 C 1739.** *$5 Monthly*..........**26.63**

MODEL TA-66ADP. VHF amplifier. Above, but with 300 ohm input and outputs. 8$\frac{7}{16}$x4⅛x6¼". Shpg. wt., 1½ lbs. **11 C 1217.** *$5 Monthly*..........**22.95**

OTE: Antenna Amplifiers Will Improve and Boost TV Pictures When Used With Lead-In and Antenna in GOOD Condition. Check Your Lead-In and Antenna.

Amplifier and Installation Accessories

FINCO 82-CHANNEL SILICON TRANSISTOR AMPLIFIERS



M-22 300-OHM ANTENNA AMPLIFIER

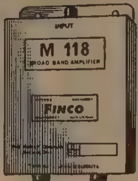
Silicon transistor amplifier provides 15-dB gain. For VHF-UHF. Amplifier unit, in die-cast housing, fastens to boom with stainless steel clamp. Power supply fastens behind TV receiver. Provision for 1 receiver. 300-ohm input and output. For 110-120 VAC. Amplifier, 3¼x4⅝x2¾". Power Supply, 4x2½x2¼". Wt., 2 lbs.

11 C 1116. *$5 Monthly*............39.95

M-23 75-OHM ANTENNA AMPLIFIER

Same as M-22, but for 75-ohm coaxial, low interference downlead. Provides high gain for bright color and sharp steady black-and-white. Pulls in weaker channels without a signal overloading problem. Requires matching transformer for use at 300-ohm television set. Amplifier: 3¼x4⅝x2¾". Power Supply: 4x2½x2¼".

11 C 1140. Shpg. wt., 2 lbs. *$5 Monthly*..................41.95



M-118 DISTRIBUTION AMPLIFIER

Fully silicon transistorized 82-channe
broadband amplifier with 9 dB gain VH
and 7 dB UHF at each of four 75-ohm out
puts. Input: 75 ohms. High stability an
low noise figure. Ideal for deluxe multi-se
systems. Snow free color or black-and-whit
pictures. "F" connectors. 110 VAC, 60 H
5½x3⅝x1⅝". Shpg. wt., 1 lb.

11 C 1148. *$5 Monthly*............29.9

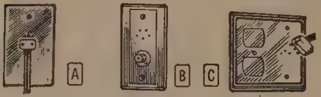
M-115 DISTRIBUTION AMPLIFIER

Silicon transistor broadband distribution amplifier provides gai
of 15 dB UHF/VHF. Single 75 ohm "F" connector output. Hig
degree of stability while retaining exceptionally low noise figure
4.5 dB VHF, 8 dB UHF. Channels 2-83 including FM. For 11
VAC, 60 Hz. Size, 5½x3⅝x1⅝". Shpg. wt., 1 lb.

11 C 1162. *$5 Monthly*..............................29.9

MOSLEY CUSTOM ANTENNA INSTALLATION ACCESSORIES

CUSTOM WALL MOUNTING ANTENNA OUTLETS



- Attractive Ivory Colored Plastic
- Plates for Every Requirement
- Include All Rotor and Line Plugs

Ivory-colored plastic wall plates, complete with matching plugs for black-and-white and color VHF UHF TV (or FM) transmission line. Can be flushed-mounted on wall with bracket supplied, or over standard electrical outlet box. Types include those for flat, oval and round 300-ohm twin-line; shielded 300-ohm twin-line; 75-ohm coaxial cable; and types with provision for AC outlet. Some types have connections for antenna rotator cable, in addition to antenna transmission line. All plugs needed for each type are included plus hardware and complete instructions. Av. shpg. wt., 8 oz.

A FOR FLAT, OVAL AND ROUND 300-OHM TWIN-LINE

*Type FD-1PK has built-in switch to eliminate open-end line losses when more than one plate is connected to the same twinline.

Stock No.	Type No.	Connections For	EA.
11 C 1753	F-1PKB	1 twin-line	1.23
11 C 1754	*FD-1PKB	1 twin-line	1.39
11 C 1755	F-11PKB	2 twin-lines	1.46
11 C 1756	F-145PKB	1 twin-line and 4- or 5-wire rotor	2.16
11 C 1757	F-245PKB	2 twin lines and 4- or 5-wire rotor	2.48

A FOR SHIELDED 300-OHM TWINLINE

Stock No.	Type	Description	EACH
11 C 1760	BL-1PK	1 sh. twin line	1.67

B FOR 75-OHM COAXIAL CABLE

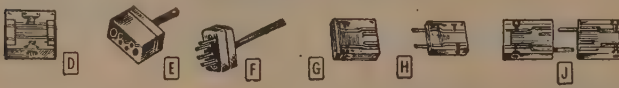
Stock No.	Type	Description	EA
11 C 1761	FCC-1-PK	1 coax outlet	2.6
11 C 1762	FCC-145-PK	1 coax outlet and 4 or 5-wire rotor	3.6

C FOR TWIN-LINE AND ROTATOR CABLE—PROVISION FOR AC OUTLET

Metal barrier-plate for approved mountin
together with standard 2-gang electric
outlet box. Plug polarization prevents ac
cidental insertion in AC outlet. No need t
rewire existing AC outlets.

Stock No.	Type	Description	EAC
11 C 1763	AC-1PKB	1 twin-line	1.87
11 C 1764	AC-11PKB	2 twin-lines	2.28
11 C 1765	AC-145PKB	1 twin-line, 4/5 wire rotor	3.24
11 C 1766	AC-245PKB	2 twin-lines, 4/5 wire rotor	3.82

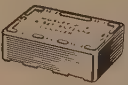
SOLDERLESS CONNECTORS



A wide selection of solderless plugs, sockets, and connectors. Specially designed for use with flat, oval, round, and shielded antenna twin-line and multiple conductor rotor cables. Easy to assemble without soldering—just strip wires, insert, tighten screws. Provide sure, fast contact, permit quick connect and disconnect. All are molded of low-loss polystyrene for constant impedance. All units listed are clear except *ivory color. †Pair. Av. shpg. wt., 2 oz.

Stock No.	Type	Fig.	Description	EA.
11 C 1482	27-S	D	Twin-line splicer	.17
11 C 1688	*BL-3S	D	Sh'ld. t.-l. splicer	.90
11 C 1767	*303B	F	T-line male plug	.29
11 C 1768	*BL-300	F	Sh'ld. t.-l. m. plug	.65
11 C 1769	*345B	F	4-5 wire male plug	.76
11 C 1636	*365	E	4-5 wire female pl.	.93
11 C 1511	301	H	Male twin-line	.31
11 C 1506	311	G	Female twin-line	.25
11 C 1635	†321	J	Polarized connect.	.56

TV COUPLERS

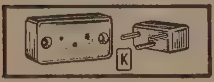


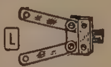
Low-loss printed circu
TV or FM couplers. Fou
set couplers may be use
with 2, 3, or 4 receiver
Shpg. wt., 6 oz.

FOR FLAT, OVAL AND ROUND TWIN-LIN

Stock No.	Type	Description	EAC
11 C 1287	PC-4	4-set coupler	1.9
11 C 1288	PC-2	2-set coupler	1.1
FOR 72/75-OHM COAXIAL CABLE			
11 C 1397	C-24	4-set coupler	4.8
11 C 1399	C-22	2-set coupler	3.4
FOR SHIELDED 300-OHM TWINLINE			
11 C 1687	BL-4PK	2, 3, or 4 sets	2.5

MOSLEY ACCESSORIES WITH SOLDERLESS CONNECTIONS



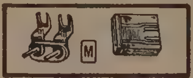


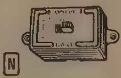
K TYPE 343-PKB TRANSMISSION LINE SOCKET WITH PLUG. Solderless. Mounts on baseboard or wall. With twin-line plug and mounting screws. Ivory.

11 C 1770. Shpg. wt., 2 oz.............71

L TYPE 263S "Y-TY". Strain relief conn. for use where distance between ant. terms. is 4" or less. Solderless. Shpg. wt., 2 oz.

11 C 1771...........................64





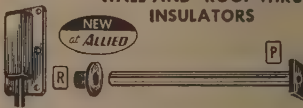
M TYPE 304-PK ANTENNA CONNECTOR. For twin lead at TV set. Solderless.

11 C 1430. Shpg. wt., 2 oz............66

N TYPE F-42 2-WAY ANTENNA SWITCH. Switch one antenna to either of 2 receivers, or 2 ants. to one rec. 300 ohms. UHF-VHF-FM. Ivory finish.

11 C 1571. Shpg. wt., 8 oz..........1.83

WALL-AND ROOF-THRU INSULATORS



P TYPE 625 WALL-THRU INSULATOR. Fo
walls up to 13". Tube 14" long with in
side plate and outside cap. Ivory plastic.

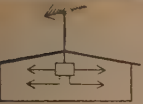
11 C 1022. Shpg. wt., 1 lb............1.1

R NEW TYPE M-60 ROOF-THRU/WALL-THRU
Weatherproof. For wall or sloped roo
For all twin lead, coax, rotor cables.

11 C 1772. Shpg. wt., 4 oz.............1.1

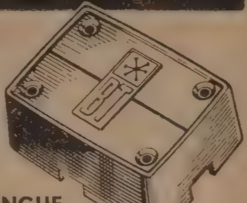
Allied is Your Headquarters for Color TV Accessorie

TV-FM Couplers, Splitters, Arresters

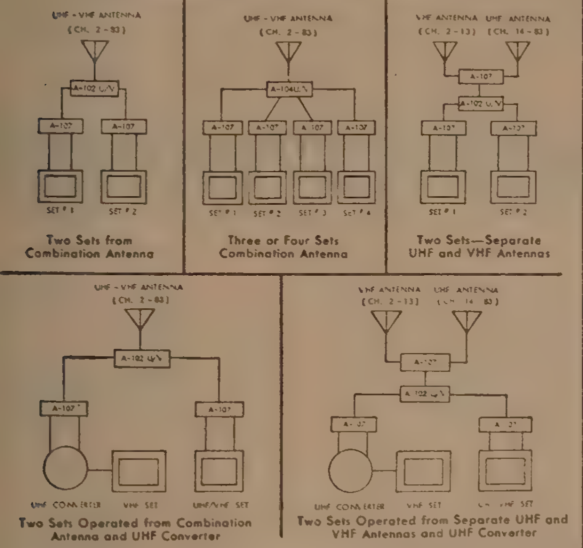


OPERATE UP TO FOUR SETS FROM A SINGLE ANTENNA

Low-loss couplers and splitters let you connect more than one TV or FM set to a single antenna, or split the signal for VHF and UHF terminals, while still receiving the full signal strength delivered to your antenna. This gives you a custom antenna installation, as used in many large buildings.



TYPICAL HOOKUPS USING SPLITTERS AND COUPLERS



Two Sets from Combination Antenna

Three or Four Sets Combination Antenna

Two Sets—Separate UHF and VHF Antennas

Two Sets Operated from Combination Antenna and UHF Converter

Two Sets Operated from Separate UHF and VHF Antennas and UHF Converter

BLONDER-TONGUE

COUPLERS AND SPLITTERS

A-107 UHF/VHF TV SPLITTER. For connecting one UHF and one VHF TV antenna to a single down-lead. Can also be used to split signal from a single antenna for feeding a TV set with separate UHF and VHF antenna input terminals. 15 db isolation; 0.5 db insertion loss. No-strip 300-ohm terminals. Size, 1¼x2⅞x2¼". Shpg. wt., 5 oz.
11 C 1432 . . . . **3.60**

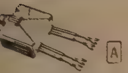
A-102U/V 2-SET UHF/VHF COUPLER. Has one input from antenna and two combination UHF/VHF outputs. Feeds UHF-VHF signal (channels 2 to 83) from single down-lead to 2 TV sets, each having a single UHF-VHF antenna input. No-strip terminals. 1¼x2⅞x2¼". Shpg. wt., 5 oz.
11 C 1078 . . . . **2.20**

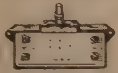
A-104U/V 4-SET UHF/VHF COUPLER. Has one input from antenna and four combination UHF/VHF outputs. Feeds UHF-VHF signal from a single downlead to up to four TV sets, each having a single UHF-VHF input. 1¼x2⅞x2¼". 5 oz.
11 C 1076 . . . . **3.35**

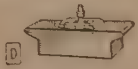
MODEL UVF-CS VHF/UHF/FM SPLITTER. Splits signal from a single VHF/UHF/FM download for feeding a TV set with separate UHF and VHF antenna input terminals and an FM receiver or tuner. No-strip 300-ohm terminals. 1¼x2⅞x2¼".
11 C 1621. Shpg. wt., 4 oz. **3.75**

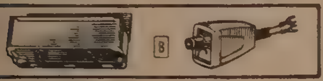
UV-CS VHF/UHF TV SPLITTER. Splits signal from a single UHF, VHF downlead for feeding a TV set with separate UHF and VHF antenna input terminals. High isolation and low insertion loss. No-strip 300-ohm terminals. 1¼x2⅞x2¼". Shpg. wt., 4 oz.
11 C 1620 . . . . **2.25**

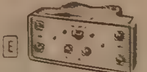
SWITCHES, ATTENUATORS, TRANSFORMER-SPLITTER











JERROLD T-380A TRANSFORMER-SPLITTER. Matching transformer for all-channel coaxial antenna system. Matches 75-ohm coaxial ble to 300-ohm TV sets, to use 75-ohm cable for improved color V reception. Splits antenna signals to provide separate UHF and HF antenna inputs to TV sets. Isolates line from AC-DC receivs. Low loss. Hardware for back of set mount. 3x3x2".
C 1643. Shpg. wt., 4 oz. **4.77**

JERROLD CAT-2 MATCHING TRANSFORMER KIT. Converts VHF/UHF TV and FM antenna installations for 75-ohm coaxial ble. Mast-mount transformer that matches 300-ohm antenna, ounting bracket, strap, plus set-mount transformer. Wt., 2 lbs.
C 1258 . . . . . **4.92**
C 1740. T-379. UHF/VHF 75 300 ohm transformer **1.50**

JFD AS-1 3-WAY ANTENNA SWITCH. Bat handle switch for connecting any one of three separate antennas to one set; or one ntenna to any of three sets. Ideal for multiple installations where ne antenna or one set is used at a time. 5x2x1¼".
C 1291. Shpg. wt., 4 oz. **2.69**

JFD AS-5 3-WAY ATTENUATOR SWITCH. Three-way switch reduces TV or FM overloading problems. Bat-handle switch selects two vels of attenuation—15 or 25-dB—or no attenuation. Eliminates cture "tear-out." 300 ohms. Back-of-set mtg. 5x2x1¼".
C 1622. Shpg. wt., 4 oz. **3.19**

JFD AS-2 2-WAY ANTENNA SWITCH. Two-way slide switch connects one of two antennas to one set; or connect one antenna either one of two sets. For multiple installations where one annna or one set is used at a time. No-strip terminals. 5x2x1¼".
C 1305. Shpg. wt., 4 oz. **1.99**

LIGHTNING ARRESTERS

F **AT-110S TUBULAR LINE ARRESTER.** Protects receiver from damage in the event of lightning striking the antenna by providing a ground path over which the high current will pass. For 300-ohm tubular twin-line. Supplied complete with 10" hanger strap, hardware. U.L. Listed. Size, 2¼x1x1¼". Shpg. wt., 8 oz.
11 C 1001 . . . . **1.69**

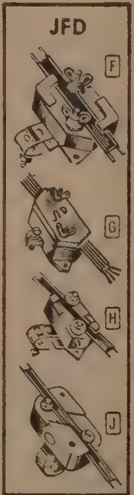
G **AT-104S ROTATOR LINE ARRESTER.** For 4-wire rotator lead-in. Makes positive contact with conductors. With ground lug and 10" hanger strap. U.L. Listed. Size, 1⅛x2x2". Shpg. wt., 8 oz.
11 C 1109 . . . . **2.09**
11 C 1094. AT-106S. Similar to above but for 5-wire lead-in. Wt., 8 oz. **2.79**

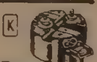
H **AT-105S. FLAT-LINE ARRESTER.** Can be mounted on mast or pipe. With 10" hanger strap. U.L. Listed: Size, 1⅛x2x2". Shpg. wt., 15 oz.
11 C 1110 . . . . **1.29**

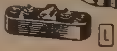
J **AT-102S FLAT-LINE ARRESTER.** For flat-type twin lead. Waterproof. Mounts on mast or pipe. Supplied complete with 10" hanger strap, 4' ground wire, and necessary hardware. U.L. Listed. 1½x3½x1¾". Wt., 15 oz.
11 C 1530 . . . . **2.49**

K **G-C TELCO 8642 TELEVISION LIGHTNING ARRESTER.** Use with any twin-line lead in. Single screw mounting. U.L. Listed. Size, 2x2x¾". Shpg. wt., 6 oz.
11 C 1082 . . . . **.69**

L **RADIO LIGHTNING ARRESTER.** For series insertion in single-wire antenna lead-in. Made of moisture-proof porcelain. U.L. Listed. 1x3½x1". Shpg. wt., 6 oz.
11 C 1091 . . . . **.39**

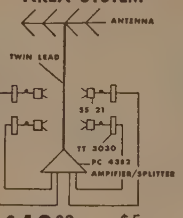






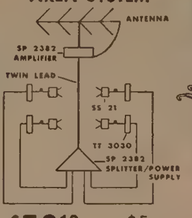
JFD Home TV Distribution Systems

MEDIUM-FRINGE AREA SYSTEM

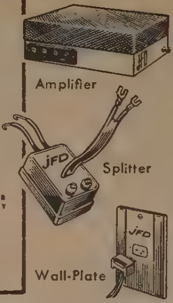


$\$43^{82}$ $5 monthly

DEEP-FRINGE AREA SYSTEM



$\$56^{12}$ $5 monthly



MEDIUM-FRINGE AREA SYSTEM

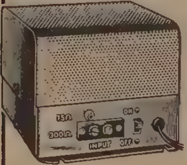
HS-41-300. Quality 4-set distribution system for mediun fringe areas. Covers VHF-UHF TV, plus FM. Include PC-4382 Solid-State Indoor Amplifier/Splitter; Four SS2 UHF/VHF Signal Splitters; Four TT3030 Wall-Plates. Gai VHF, 16 dB; UHF, 6.5 dB; FM, 6 dB. 300-ohms. 3 transistor amplifier circuit. Amplifier size, 6½x3½x2 110-130 V, 60 Hz AC. Shpg. wt., 3 lbs.
11 C 1177. *$5 Monthly*..........................43.8

DEEP-FRINGE AREA SYSTEM

HS-42-300. Deep-fringe 4-set system distribution offer improved VHF-UHF and FM reception in all area Includes: SP-2382 Solid-State Antenna Splitter/Powe Supply; SC72 300-Ohm 4-Way Splitter; Four SS21 UHF/VH Signal Splitters; Four TT3030 Wall Plates. Gain: VHF, 1 dB; UHF, 12 dB; FM, 14 dB. Amp, 6½x2¾x2½" moun on crossarm or mast; power supply, 3x4⅝x1½", moun indoors. 300 ohms. 115 VAC. Shpg. wt., 3 lbs.
11 C 1178. *$5 Monthly*..........................56.1

Blonder-Tongue TV-FM Distribution Systems

These top-quality distribution systems amplify the signal from your TV or FM antenna, t permit delivering a strong clear signal to up to 150 receivers. Ideal for homes, school motels, or any large building. All are designed for maintenance-free operation.



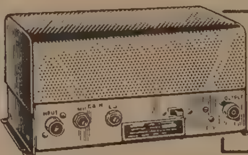
HIGH-GAIN VHF TV/FM AMPLIFIER

$\$44^{62}$

$5 monthly

- 25 dB Minimum Gain VHF and FM
- 75/300 Ohm Input and Output
- Gain Controls for Adjustable Output

HAB. Low-noise broadband amplifier for large home systems, motels, small MATV systems, etc. Drives up to 50 sets. Has 75 and 300 ohm inputs and outputs; low-noise figure (Ch. 2-6, 4 dB; 7-13, 6 dB; FM, 4 dB). Gain control range of 15 dB on all channels. 6⅛x4¾x 5¾". 105-129 VAC. Wt., 4½ lbs.
11 C 1163. *$5 Monthly*........44.62



MLAC

$\$90^{00}$

$5 monthly

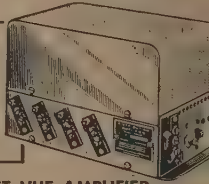
LARGE SYSTEM VHF TV AMPLIFIER

MLAC. VHF TV amplifier provides a gain of 40 dB on channels 2-13. Supplies adequate power to operate up to 150 sets with proper antenna distribution system. Two or more units may be used in series for additional gain when extremely long lines are used. Offers maximum signal fidelity for both color and black-and-white TV. Separate controls make it possible to adjust either high (channels 7-13) or low (channels 2-6) band to compensate for differing input signal strengths. 75-ohm coaxial input and output connectors. Seven tubes. In rugged, well-ventilated metal cabinet, 9x6x5". For 110-120 volts, 60 Hz AC. Shpg. wt., 9 lbs.
11 C 1365. *$5 Monthly*.............90.00

DA8-B

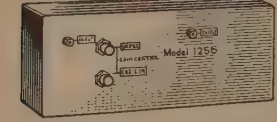
$\$68^{85}$

$5 monthly



8-SET VHF AMPLIFIER

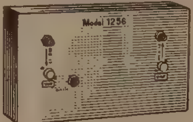
DA8-B. Combination signal booster and isolation-distribution system for use in sma apartment buildings, homes, motels. Ha outputs for up to 8 TV sets, with 22 d minimum isolation between outputs to prevent interference between sets. 10 dB gai on all VHF channels for bright, clear pictures. Gain control range of 10 to 1 protect system from overload. Low-noise all-triod circuit. Has inputs and outputs for 75 c 300-ohm lines. One output may be used t feed another DA8-B for additional hookup Includes power supply, terminating resistors, grounding clamp, screw terminal 5x9x5½". 110-120 V, 60 Hz AC. Wt., 6 lb
11 C 1248. *$5 Monthly*.............68.8



1255 BROADBAND VHF/FM AMPLIFIER

- Silicon Transistor Circuit
- Input for Powering Preamps
- High and Low Gain Controls

1255. Broadband VHF/FM amplifier is ideal for homes, showrooms, small MATV systems, etc. Handles up to 50 sets. Has two 75-ohm inputs; one for direct connection to antenna; the other has duplexed low-voltage AC for powering a mast-mounted preamp. Gain: 30 dB on all VHF channels. Output impedance, 75 ohms. Two controls, for high channels 7-13 and low channels 2-6-FM, balance gain. F connectors; 3-wire power cord. $8\frac{23}{32}\text{x}3\frac{7}{16}\text{x}2\frac{5}{8}$". 105-129 VAC.
11 C 1725. Shpg. wt., 4 lbs. *$7 Monthly*.....................58.45

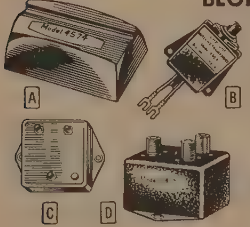


1256 HIGH-GAIN UHF AMPLIFIER

- Silicon Transistor Circuit
- Eliminates Need for Converter
- Provides Sharp, Clear Pictures

1256. Excellent high-gain, high-output broadband UHF amplifi provides up to 30 dB gain for use in medium and small MATV sy tems. Eliminates need for UHF to VHF converter. Built-in UHF VHF multiplexers permit use with companion VHF amplifie (1255 at left), to provide all-channel reception. High and low-gai controls, input for powering preamps. 75-ohm input and outpu impedances. Size, 8¾x5¼x3⅜". 3-wire power cord. 110-120 VAC
11 C 1726. Shpg. wt., 3¼ lbs. *$5 Monthly*................129.0

BLONDER-TONGUE DISTRIBUTION SYSTEM ACCESSORIES



A 4574. Amplified 2-way VHF/UHF splitter provides signal for two sets from single twin-lead input. Amplifies channels 2-83. Use foam-type lead for input and output. 3x5x2". 117 VAC.
11 C 1273. Shpg. wt., 1 lb................4.49

B 4564. VHF/UHF transformer adapts 75-ohm coax to 300 ohms. Surface mount. 3x2x1".
11 C 1274. Shpg. wt., 4 oz................3.20

C 4537. VHF/FM splitter. Indoor 2-way hybrid. Separates one 75-ohm coax input into two 75-ohm outputs. Blonder Tongue QD connectors accept type 59 cable. 2x2x2½". Shpg. wt., 8 oz.
11 C 1276..........................2.05

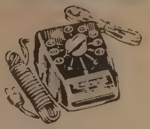
C 4515. VHF/FM splitter. Indoor 4-way hybri Separates one 75-ohm coax input into fou 75-ohm coax outputs. Blonder Tongue OD connectors accept type 59 cable. 2x2x1½".
11 C 1277. Shpg. wt., 8 oz...............8.4

D 3435. VHF/UHF/FM splitter. Indoor 2-wa hybrid. Separates one all-channel 75-ohm input into two 75-ohm outputs. Three type F connectors; plugs for type 59 cable. 2x2x1½".
11 C 1278. Shpg. wt., 8 oz...............12.4

D 4535. VHF/UHF/FM splitter. Indoor 4-wa hybrid. 5 type F connectors, plugs. 8 oz.
11 C 1279..........................9.8

Handy TV Accessories and Servicing Aids

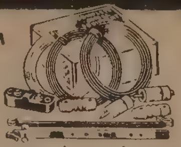
VHF/UHF TV CLARIFIER



$5.95 Installs in 60 Seconds

Handy device improves reception by amplifying the pickup power of your antenna. Helps filter out ghosts and interference; clears up snowy pictures. 12-position switch for selecting clearest picture. With 5′ twin-line. U.L. Listed. 110-120 AC or DC.
11 C 1209. Shpg. wt., 2¼ lbs........5.95

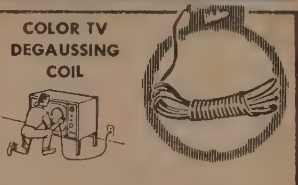
SHORTWAVE/AM ANTENNA KIT



$2.39

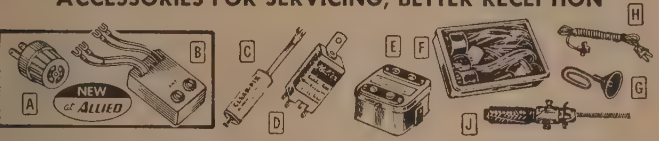
"Pulls in" difficult-to-receive stations on shortwave and AM broadcast bands. Includes: 100′ 7x26 bare copper wire; 40′ lead-in; 25′ heavy-gauge ground wire; 2 insulators; window lead-in; lightning arrester; 2 nail knobs; ground clamp; instructions.
11 C 1239. Shpg. wt., 2½ lbs........2.39

COLOR TV DEGAUSSING COIL



A "must" for color-TV owners. Use it just once and it pays for itself. Demagnetizes picture tube to remove unwanted patches of green on screen. 7″ diameter coil. Pushbutton on-off switch. With complete instructions. For 110-120 V, 60 Hz AC. Wt., 10 oz.
11 C 1048......................5.83
11 C 1613. Professional Degaussing Coil. 13″ dia., 9′ cord. Wt., 2 lbs......17.97

ACCESSORIES FOR SERVICING, BETTER RECEPTION



A TV NOISE KILLER AND STATIC FILTER. Eliminates noise from electrical appliances, power tools. Simply plug TV into noise killer, noise killer into AC outlet. Sharply reduces electrical interference. Shpg. wt., 4 oz.
11 C 1758.........................69

B TV ANTENNA INTERFERENCE FILTER. Stops interference due to planes, neon lights, outdoor transformers. Installs between antenna lead-in wires and set terminals. Improves color or black-and-white viewing. Shpg. wt., 3 oz.
11 C 1759.........................69

C SUPEREX "CLEAR-PIX" INTERFERENCE FILTERS. Choice of units to overcome TV interference from various sources. For TV sets using 300-ohm twin lead. 5 oz.

Stock No.	Type	Attenuates	EACH
11 C 1066	CPH	21 MHz Amateur	1.17
11 C 1068	CPF	Strong FM station	1.17
11 C 1067	CPI	Ignition or similar	1.17
11 C 1065	CPC	Citizens Band	1.17

D MILLER ANTENNA TRANSFORMERS. Permits use of low-loss 52 or 72 ohm coaxial cable on 300 ohm receiver inputs. Two required: one at antenna, one at receiver. For indoor or outdoor. ¾x¾x1⅜″. 3 oz.
11 C 1306. Type 6161. 52 ohms. **Each 1.91**
11 C 1309. Type 6162. 72 ohms. **Each 1.91**

E R. L. DRAKE TV-300-HP HIGH-PASS FILTER. Eliminates or reduces interference caused by police, Amateur (including 6-meter), Citizens Band, diathermy. 40 dB attenuation, 0 to 52 MHz. Attaches to 300-ohm antenna terminal. Size, 2½x2½x1⅛″. Shpg. wt., 8 oz.
11 C 1160.........................3.97

F EBY K-302 CRT EXTENSION HARNESS KIT Expedites testing of any black-and-white picture tube. Consists of 3-ft. anode extension harness; 4-ft. CRT socket harness designed for use with both electrostatic and magnetic tubes; 3-ft. octal yoke harness. Shpg. wt., 10 oz.
11 C 1035.........................4.80

EBY K-320 CRT COLOR EXTENSION HARNESS KIT. Similar to K-302 extension harness kit listed above, but designed for color TV. Shpg. wt., 15 lbs.
11 C 1610.........................10.50

G EBY AC-1 CRT HI-VOLTAGE CONNECTOR. Important replacement part for television servicing and repair work. Second anode connector. Silver-plated plug contacts for low-loss. 1½″ diameter rubber cap. 18″ heavily insulated wire lead. 4 oz.
11 C 1034.........................69

H TV POWER CORD AND CONNECTOR. Identical to original equipment on most sets. 9 ft. long. U.L. Listed. 8 oz.
11 C 1049.........................36
11 C 1032. 6-Ft. Cord, Conn. 6 oz.......46

J TRANSISTOR VARI-LOOPSTICK. Impedance tap, micrometer adjustment; snap-in mounting. Use 365 or 410 pF tuning capacitor. 7⁄16x2″.
11 C 1286. Shpg. wt., 4 oz...........73

VOKAR VIBRATORS

Auto radio vibrators for general replacement use. 1½x2⅝″. 8 oz.
11 C 1280. 4-4. 6 V, 4 pins....**1.49**
11 C 1281. 12-3. 12 V, 3 pins.**1.69**
11 C 1282. 12-4. 12 V, 4 pins.**1.69**

G-C ELECTRON TUBE SAVER

$3.89

25-900. Quality electron tube saver especially designed to protect the critical electron tubes in color TV receivers. Rated 250-400 watts. Handles damaging voltage surges to protect tubes in all sorts of electronic devices—radios, TV's, hi-fi systems, etc. Easy to use—can be set up in just a few minutes. Simply plug device to be protected into tube saver; then plug tube saver into outlet. Size, 2¾x2½x1¼″. For 110-120 V, AC or DC. Shpg. wt., 7 oz.
11 C 1211.........................3.89

PERMA-POWER VOLTAGE REGULATORS

Low As $8.25

D200. Automatic voltage regulator maintains normal operating voltage for TV sets, hi-fi systems, similar equipment. Especially useful where line voltage is consistently low. Improves TV reception by eliminating picture shrinkage, flutter and loss of brightness due to low voltage. Automatically boosts voltage 10 volts when AC line voltage goes below 110. 300-watt capacity. Turns on and off with appliance. 4¾x4¾x2¼″.
11 C 1224. Shpg. wt., 2½ lbs........8.25

COLOR TV REGULATOR

D210. Same as D200 above, but handles up to 400 watts. Especially recommended for use with color TV. Shpg. wt., 2½ lbs.
11 C 1303.........................14.25

PERMA-POWER PICTURE TUBE "BRITENERS" FOR LIKE-NEW TV

FOR BLACK-AND-WHITE TUBES

C-202 AUTOFORMER TYPE. Duodecal Base. Adds life to aging picture tubes when dimness is due to low cathode emission—returns brightness and contrast to picture. For parallel or series sets with black-and-white picture tubes, 8″ or larger. Boosts filament power 50%. Does not relieve cathode-filament shorts. Shpg. wt., 8 oz.
11 C 1204.........................2.20

C-212 110° AUTOFORMER TYPE. Button Base. As above, for use with 110° button base tubes. Shpg. wt., 8 oz.
11 C 1205.........................2.20

C-301 ISOLATION TYPE. Duodecal Base. Brightens and isolates parallel or series types. Select 6.3 V to relieve cathode-filament shorts; 7.8 V to increase emission.
11 C 1092. Shpg. wt., 10 oz..........2.62

C-311 ISOLATION TYPE. Button Base. Same as C-301, but for 110° button base tubes.
11 C 1093.........................2.92

FOR COLOR TUBES

C-501 "COLOR BRITE." Brightens and restores color contrast and quality to aging color TV picture tubes. Increases filament voltage to boost cathode emission for sharper, clearer pictures. Use with 70° round 21″ color CRT's. Shpg. wt., 1 lb.
11 C 1227.........................5.73

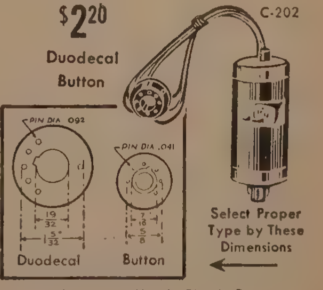
C-502. Similar to above, but only isolates parallel or series type television sets. For 70° round 21″ color picture tubes. Shpg. wt., 1 lb.
11 C 1232.........................7.25

C-511. Extends tube life, brightens pictures. Boosts cathode emission by increasing filament voltage. For series or parallel wired sets using 23″ or 25″ rectangular color CRT's. Shpg. wt., 1 lb.
11 C 1663.........................5.73

C-512. Similar to C-511 above, but only isolates circuit. Shpg. wt., 1 lb.
11 C 1259.........................7.25

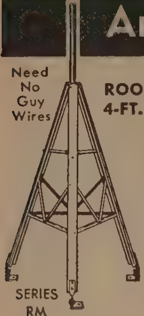
Low As $2.20

Duodecal
Button



No Rewiring—Handy Plug-In Design

Antenna Towers and Installation Accessories



ROOF-MOUNTING 4-FT. to 8-FT. TOWERS

Low As

$7.10

- Fit Any Roof
- Easy to Install
- Long Lasting

Made from
Beaded Channel
Leg Material

Self-supporting; no guys needed when securely anchored to roof. 3 hinged feet fit any roof; antenna is assembled and "walked-up" into place. Galvanized, beaded steel channel withstands rough weather. Packages include tower with mast and mast kit (RM4 and RM8 less mast). Mast recesses 2 feet into tower. Permit antenna heights of 10 ft. or 14 ft. above roof. Shipped knocked down, assemble quickly and easily. With complete instructions.

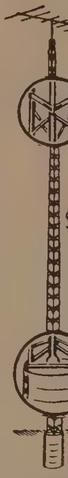
11 C 2358 ZF. RM4-8. 4-ft. tower, 8-ft. mast, mast kit. 23 lbs. 9.48

11 C 2359 ZF. RM4. 4-ft. tower, mast kit. 16 lbs. 7.10

11 C 2364 ZF. RM8-8. 8-ft. tower, 8-ft. mast, mast kit. 35 lbs. 15.74

11 C 2365 ZF. RM8. 8-ft. tower, mast kit. 28 lbs. 13.36

SPAULDING ANTENNA TOWERS



Low As $52.50

XCB SERIES

CYLINDER-BASE TOWERS—14-FT. to 55-FT. HIGH

Need No Concrete Foundation—Set into Cylinder Base

SERIES XCB. High-strength, self-supporting towers. Assemble on ground or vertically. Special "culvert base" for quick, one-man installation. All-riveted 100% galvanized steel. Top holds any rotor. With base, adjustable hinge feet, 8-ft. mast and factory-assembled 8-ft. tower sections.

Stock No.	Type	Ant. Ht.	Sections	Lbs.	EACH
11 C 2294 ZF	X28CB	23'	2	122	52.50
11 C 2295 ZF	X36CB	31'	3	149	64.95
11 C 2058 ZF	X44CB	39'	4	174	82.95
11 C 2059 ZF	X52CB	47'	5	219	104.95
11 C 1832 ZF	X60CB	55'	6	282	129.95

SERIES EP "ECONOMY-PACK" STRATO-TOWERS

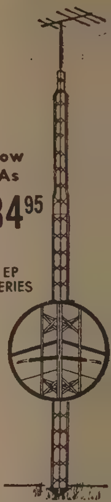
Easy to Install on Ground or Roof-Top

Include listed quantity of 8-ft. zinc-plated steel tower sections, ground plate with stakes, 8-ft. mast kit. Mount with house bracket or roof mount (not supplied), below. Require guying if room-mounted or over 16 ft. above house bracket. Includes EP-H1 house bracket below.

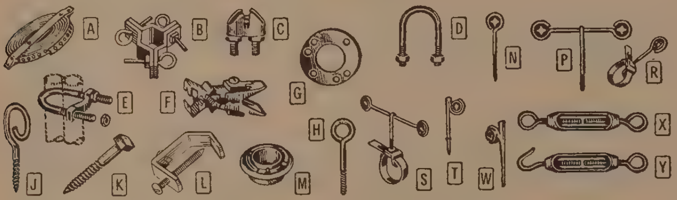
Stock No.	Type	Ant. Ht.	Sections	Lbs.	EACH
11 C 2541 ZF	EP-2	22'	2	51	34.95
11 C 2540 ZF	EP-3	30'	3	71	42.95
11 C 2535 ZF	EP-4	38'	4	90	49.95
11 C 2534 ZF	EP-5	46'	5	109	59.95
11 C 2543 F	EP-R1	Roof Base		2	4.49
11 C 2544 F	EP-H1	House Bracket		5	5.95

Low As $34.95

EP SERIES



NOTE Spaulding towers are shipped truck F.O.B. Frankfort, Indiana. No. C.O.D. orders—send full remittance or use Allied's Credit Fund Plan. Send full shipping address—no Post Office box numbers.



A **HANGER STRAP.** Mounts masts to odd-shaped objects. ¾" perforated galvanized steel strapping. 12' coil. 1 lb.
11 C 1107 .... Each 69¢

B **RING CLAMP.** Supports guy ring on mast. Corrosion-resistant steel. Provides slip-proof grip. Fits mast up to 2½" diameter. Pkg., 1 lb.
11 C 1369 .... 49¢

C **CABLE CLAMP.** Provides non-slip grip on guy wire ends. Fits cables to 3/16" dia. 7/8x 7/16". Pkg., 4 oz. 2 per pkg.
11 C 1404 .... Per Pkg. 43¢

D **U-BOLT.** Galvanized steel. With nuts and washers. Fits masts to 1½" O.D. Pkg. wt., 4 oz. 2 per pkg.
11 C 1122 .... Per Pkg. 25¢

E **MAST CLAMP.** Tight-grip yoke. For 2 masts, max. O.D. 1⅜" each. Galvanized steel. Pkg., 4 oz. 2 per pkg.
11 C 1123 .... Per Pkg. 59¢

F **ANTENNA CLIP.** Clips lead-in to antenna terminals. Pkg., 10 oz. 4 per pkg.
11 C 1405 .... Per Pkg. 55¢

G **GUY RING.** Rests on ring clamp. For 1¼ O.D. masts. Pkg., 10 oz. 5 per pkg.
11 C 1124 .... Per Pkg. 75¢

H **CLOSED HOOK EYE.** Anchors guys. 5" long. Pkg., 10 oz. 5 per pkg.
11 C 1126 .... Per Pkg. 39¢

J **OPEN HOOK EYE.** Anchors guy wires securely to roof. Screws into wood. Galvanized steel resists rust, corrosion. Pkg. 10 oz. 5 per pkg.
11 C 1125 .... Per Pkg. 33¢

K **LAG BOLTS.** Made of heavy cadmium-plated steel. ¼" diameter shank. Bolts rigidly secure mounts, bases, etc. to wood, brick and many other kinds of surfaces. Pkg., 5 oz. 10 per pkg.
11 C 1117. 1½" Long .... Per Pkg. 53¢
11 C 1118. 2" Long .... Per Pkg. 55¢

L **GROUND CLAMP.** For secure connection to water pipes up to 1¼" dia. Screw terminal for ground wire. Shpg. wt. per pkg., 4 oz. 2 per pkg.
11 C 1433 .... Per Pkg. 35¢

M **ALUMINUM FLOATING GUY RING.** Fastens easily and quickly with set screw. Permits guyed mast to be rotated. Takes 3 or 4 guys on any mast to 1⅜" outside diameter. Shpg. wt. 8 oz.
11 C 1296 .... Each 1.59
11 C 1311. As above, takes 3 or 4 guys on any mast to 1¾" O.D. Shpg. wt., 9 oz. Each 1.69

N **UNIVERSAL STAND-OFFS.** For any TV antenna lead-in. Polyethylene insulation. Screw-in type. Shpg. wt. per pkg., 10 oz. 5 per pkg.
11 C 1127. 3½" Long .... Per Pkg. 28¢
11 C 1128. 5½" Long .... Per Pkg. 33¢
11 C 1129. 7½" Long .... Per Pkg. 39¢

P **DOUBLE STAND-OFFS.** Wood-screw type hold two leads. For any TV lead-in. Pkg., 10 oz. 5 per pkg.
11 C 1132. 3½" Long .... Per Pkg. 74¢
11 C 1133. 5½" Long .... Per Pkg. 82¢
11 C 1134. 7½" Long .... Per Pkg. 85¢

R **STRAP-TYPE SINGLE STAND-OFFS.** Mount on mast. For any lead-in. Fit up to 3" masts. Pkg. wt., 6 oz. 3 per pkg.
11 C 1137. 3½" Long .... Per Pkg. 35¢
11 C 1138. 5½" Long .... Per Pkg. 41¢
11 C 1139. 7½" Long .... Per Pkg. 44¢

S **STRAP-TYPE DOUBLE STAND-OFFS.** As above, but hold two lead-ins. Clamp up to 3" mast. Pkg., 8 oz. 3 per pkg.
11 C 1135. 3½" Long .... Per Pkg. 73¢
11 C 1136. 7½" Long .... Per Pkg. 75¢

T **DRIVE-IN STAND-OFFS.** For all types lead-in. 3½" long. Pkg., 5 oz. 5 per pkg.
11 C 1130 .... Per Pkg. 37¢

W **UNIVERSAL HOT NAIL STAND-OFFS.** For any lead-in. Hold in wood or mortar. No starting hole is needed. 3½" long. Pkg., 4 oz. 5 per pkg.
11 C 1131 .... Per Pkg. 61¢

CAST ALUMINUM TURNBUCKLES. Provide easy adjustment of guy-wire tension. Shpg. wt. per pkg. 8 oz. 4 per pkg.

Stock No.	Fig.	Closed	Open	PER PKG.
11 C 1407	Y	5½"	7⅝"	.69
11 C 1409	Y	7½"	10½"	1.59
11 C 1410	X	5½"	7⅝"	.69
11 C 1412	X	7½"	10½"	1.59

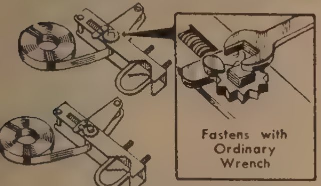
COPPERWELD ANTENNA AND GUY WIRE

Finest grade high-tensile copper weld wire. For use with antennas or guying antenna towers and masts. Copper outer conductor bonded to a steel core for exceptional strength and durability. 12 to 18 gauge. In 100 ft., 250 ft. and 500 ft. rolls.

Stock No.	Ga.	Ft.	Lbs.	PER ROLL
11 C 1357	12	100	2	2.94
11 C 1358	12	250	5	6.91
11 C 1359	14	100	1½	2.59
11 C 1360	14	250	3	5.51
11 C 1361	18	250	2	1.91
11 C 1362	18	500	3	3.46

Antenna Installation Mounts and Masting

CHIMNEY MOUNTS

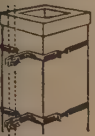


RATCHET CHIMNEY MOUNT

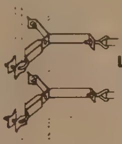
Low As $4.19

- For Masts to 1½" Dia.
- Withstands High Winds
- Stainless Steel Strapping

Extra-rugged chimney mount designed to withstand high winds, adverse weather. Fastens to chimney with wrench. With 12-ft. stainless steel strapping, 2 brackets.
11 C 1322. Wt., 3½ lbs. 4.19
11 C 1328. Above, but 18' strap. 4 lb.4.95



A $2.59

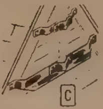


B Low As $3.19

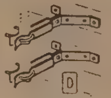
A CHIMNEY MOUNT. Sturdy low-cost mount for TV or FM antennas. Has stainless steel strappings. Brackets are heavy-gauge steel, zinc-plated and dichromate-dipped for long life. Easily adjusted for snug, firm grip. For masts to 1¾" dia. With two 10-ft. straps, hardware. Wt., 4 lbs.
11 C 1113 .... 2.59

B SNAP-IN CHIMNEY MOUNT. Fit masts to 1¾" O.D. 4" chimney clearance. Steel brackets zinc-plated, dichromate-dipped to protect against corrosion. Simply "snap" mast in place, tighten bolts. With two 12-ft. stainless steel straps. Wt., 4 lbs.
11 C 1242 .... 3.19
11 C 1142. As above, but with ¾" x 36-ft. stainless steel strapping. 4 lbs........3.95

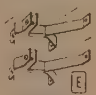
WALL AND EAVE MOUNTS



C $4.95



D Low As $1.59



E Low As 99¢

C EAVE MOUNT. For mounting antenna mast on building eaves, 48" lower bracket straddles building. Top bracket mounts on peak. Zinc-plated and dichromate-dipped. For masts to 1¾" O.D. 5½ lbs.
11 C 2504 XW 4.95

D SNAP-IN WALL MOUNTS. Secure masts to wall. Mast snaps in. Heavy-gauge plated steel. For masts to 1¾" O.D. Pkg. of 2.
11 C 1250. 8" from wall. 4 lbs.........2.39
11 C 1249. 6" from wall. 2½ lbs.......1.59

HEAVY-DUTY MOUNTS. Bracket legs 16" apart to match studs of homes. Heavy-gauge steel.
11 C 2130 XW. 24" from Wall. 10 lbs. 4.95
11 C 2129 XW. 18" from Wall. 5 lbs. .3.69
11 C 1256. 12" from Wall. 5 lbs.......2.49

E CLOSE-WALL MOUNTS. For areas where large clearance is not needed. For masts to 1¾" O.D. Heavy-gauge steel.
11 C 1173. 2¼" from Wall. 1 lb. ... 99¢
11 C 1215. 4" from Wall. 2 lbs. 1.29

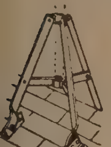
ANTENNA MAST SECTION

AVAILABLE WITH GOLD ANODIZING

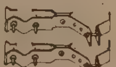
Strong, seamless hot-dipped galvanized steel masts with swaged ends and locking joint. 1¼" O.D. *Truck or express only.

Stock No.	Ft.	Gauge	Wt.	EACH
11 C 2119 XW	5	18	2¼ lbs.	1.05
11 C 2121 XW	5	16	2¾ lbs.	1.19
11 C 2335 ZW	10	18	5 lbs.*	1.89
11 C 2122 ZW	10	16	7 lbs.*	2.19
NEW GOLD ENAMEL FINISH MASTS				
11 C 2107 XW	5	18	2½ lbs.	1.19
11 C 2106 XW	5	16	3 lbs.	1.29
11 C 2105 ZW	10	18	5 lbs.*	1.98
11 C 2104 ZW	10	16	7 lbs.*	2.39

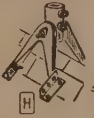
TRIPODS AND ROOF MOUNTS



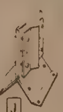
F Low As $4.39



G Low As $1.98

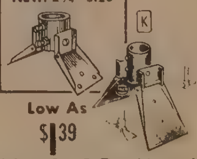


H $4.29



J $1.98

NEW! 2¼" Size



K Low As $1.39

F ANTENNA BASE. Accepts masts of 10 ft. or more and up to 1½" O.D. Eliminates guy wires in most installations. Set-screws anchor mast and permit orientation. Electro-galvanized and dichromated. 2 ft. high. Shpg. wt., 7 lbs.
11 C 2040 XW 4.39
11 C 2043 XW. As above, but 3 ft. high. Shpg. wt., 6½ lbs....................4.95
11 C 2044 XW. As above, but 5 ft. high. Shpg. wt., 15 lbs....................8.29

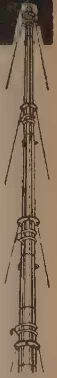
G VENT PIPE MOUNT. For clamping to any pipe or vent from 4" to 6" in diameter. Perfect for antenna installations where chimney is inaccessible. Heavy-gauge steel. For all masts up to 1¾" diameter. Zinc-plated, dichromate-dipped for long life. 2 per pkg. Shpg. wt., 3 lbs.
11 C 1351..................**Per Pkg. 1.98**
11 C 1363. For 2" to 4" vents. Shpg. wt., 3½ lbs....................**Per Pkg. 1.98**

H "NO-GUY" ROOF MOUNT. Durable steel and cast-iron base for up to 10-ft. mast. Needs no guys. Legs adjust to roof angle. For masts to 1½" dia. 5 lbs.
11 C 1251..........................4.29

J ALL-PURPOSE ANTENNA MOUNT. For mounting antennas on angle or flat roofs and corners. Mast will mount one of two positions. Quick, easy installation. Supports masts up to 1¾" diameter. Made of extra-heavy-gauge steel, zinc plated, clear chromate dipped—double protected against rust and corrosion. Resists salt spray. Withstands high winds, severe weather. 2½ lbs.
11 C 1172..........................1.98

K HINGED ROOF MOUNTS. Ideal for peaked or flat roofs, walls. Extra heavy-duty steel. For masts to 1½" dia. 3 lbs.
11 C 1381..........................1.39
11 C 1752. Above, but roof mount is for masts up to 2¼" dia. Wt., 4 lbs.......2.39

TELESCOPING TV ANTENNA MASTS



20-Ft. $5.95 **50-Ft. $16.95**

- Made of High-Carbon Steel Tubing
- Hot-Dipped After Fabrication
- Floating Guy Ring Permits Rotation

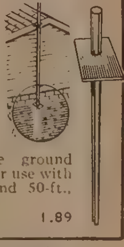
50-FT. MAST. Heavy-duty for TV (or FM) antenna array. Bolts lock each section in place. Hot-dipped 18-gauge high-carbon steel tubing. Consists of 5 mast sections—O.D.: #1, 1¼"; #2, 1½"; #3, 1¾"; #4, 2"; #5, 2¼". Hardware. 42 lbs.
11 C 2103 ZW. Truck or Exp. 16.95

40-FT. MAST. 4 rugged sections (see sizes listed above); Nos. 1, 2, 3, and 4. Maximum height 40 feet. 32 lbs. Truck or express.
11 C 2102 ZW 12.95

30-FT. MAST. Consists of 3 rugged sections: Nos. 1, 2, and 3 described above. Maximum height 30 feet. 22 lbs. Truck or express.
11 C 2101 ZW.....................8.95

20-FT. MAST. 2 sections: Nos. 1 and 2 above. Maximum height, 20 feet. Shpg. wt., 13 lbs. Shipped truck, or express.
11 C 2100 ZW.... ....5.95

NEW! DRIVE-IN GROUND STAKE FOR TELESCOPING ANTENNA MASTS



$1.89 Easy to Install

Sturdy, drive-in type ground mount base. Suitable for use with 20-ft., 30-ft., 40-ft., and 50-ft., masts. Shpg. wt., 5 lbs.
11 C 1013 XW 1.89

GROUND RODS

Selection of low-cost ground rods. Constructed of moisture-resistant copper-plated steel to assure a low resistance contact with earth. Complete with clamp. With bolt, *Shipped by truck or express only.

Stock No.	Size	Shpg. Wt.	EACH
11 C 2537 XW	4'x⅜"	1½ lbs.	.75
11 C 2538 ZW*	6'x⅜"	2¼ lbs.	.98
11 C 2539 ZW*	8'x½"	4¼ lbs.	1.98

GROUND AND GUY WIRE

ALUMINUM GROUND WIRE. No. 8 solid wire. For all grounding applications.

Stock No.	Coil Feet	Wt., Lbs.	EACH
11 C 1557	50	1½	.79
11 C 1558	100	2¼	1.59
11 C 1559 W	1000	26	14.95

NO. 20 GALVANIZED GUY WIRE. 6-strand wire in 100-ft. or 1000-ft. rolls.
11 C 1560. 100-Ft. Roll. 2 lbs...........69¢
11 C 1561 XW. 1000-Ft. Roll. 20 lbs...6.50

NO. 18 GALVANIZED GUY WIRE. For heavy-duty use. 100-ft. or 1000-ft. rolls.
11 C 1562. 100-Ft. Roll. 2½ lbs........1.09
11 C 1563 XW. 1000-Ft. Roll. 25 lbs..10.95

"PLASTIGARD" PLASTIC-COVERED GALVANIZED GUY WIRE. High tensile strength wire with green transparent jacket. Resists sunlight, corrosion, wind, snow and temperature changes. Heavy-gauge plastic extruded over stranded galvanized steel wire.
11 C 1181 XW. 100-Ft. Roll. 2½ lbs...2.19
11 C 1183 XW. 1000-Ft. Roll. 25 lbs..19.95

GC Quality Radio-TV Alignment Tools and Kits

GC
GC Radio & Television PRECISION TOOLS

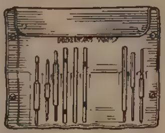
MODEL 8283 25-PC. ALIGNMENT KIT

$15.83
- 25 Tools in Handy Roll-Up Case
- Several 9″ Long Tools Included
- For Radio, TV, Communications

Complete 25-piece alignment tool assortment in a handy roll-up case. Contains alignment and adjustment tools for practically every radio and TV set on the market. Also has tools used on mobile communication, marine and amateur gear. In addition to tools in case, several 9″ long tools are furnished separately. Kit includes: K-Tran and IF aligner; alignment screwdrivers of various lengths; long-reach aligner; channel tuner; special short tools; core aligners; duplex aligner; IF and oscillator aligner; alignment wrenches; TV-FM tuners; Zenith-Admiral hex; thin tuning wand; and many more helpful alignment and adjustment tools. Shpg. wt., 1 lb.

26 C 1001 .... 15.83

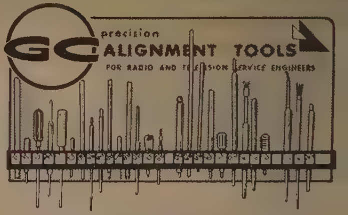
MODEL 9210 DELUXE 10-PC. CB ALIGNMENT TOOL KIT



$4.89

Ten of the most useful tools for alignment and adjustment of Citizens Band transceivers, according to a trade publication's nationwide survey. Kit includes: alignment screwdrivers; K-Tran tool; core aligner; universal aligner; tuning wand; TV wrench and aligner; double end core tool; IF core alignment tool. Comes in flexible plastic carrying kit that rolls up for easy, compact storage in your tool caddy. Shpg. wt., 1 lb.

26 C 1676 .... 4.89



MODEL 9200 27-PC. RADIO-TV ALIGNMENT TOOL PANEL KIT

$17.52
- 27 Most Needed Alignment Tools
- Convenient Wall-Mounting Panel
- Individually Marked Tool Slots

Convenient wall-mounting panel kit includes 27 of the most often used radio-TV alignment tools. Each tool has an individually marked slot in the sturdy, 3-color panel. Helps you to locate the desired tool immediately. Panel can be conveniently mounted on workshop wall or back of workbench for easy visibility and access. Tools are precision-made of finest materials including low-loss plastics and extra-hard bone fiber; tips are hardened spring steel. Kit includes: alignment screwdrivers of various lengths; special short tools; alignment wrenches; channel tuners; core aligners; oscillator adjustment tools; trimmer and IF aligners; solder probe; nylon replacement tip for long reach aligner; hex tools; and many other useful alignment tools. Size of convenient wall-mounting steel panel for holding tools is 9¾″ high and 18¾″ wide. Shpg. wt., 3 lbs.

26 C 1831 X 17.52

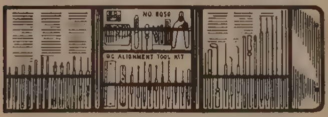
MODEL 8280 DELUXE 16-PC. TV ALIGNMENT TOOL KIT

Handy roll-up pouch, made of durable leatherette contains 16 specially engineered television alignment tools. Pouch has fold-over flap to prevent tools from falling out in transit. Kit includes: short alignment tool; 2 aligning wrenches; K-Tran tool; channel tuning tool; TV-FM tuning tool; 2 core aligners; IF and oscillator aligner; all-purpose aligner; long reach aligner; universal aligner; duplex aligner; "shorty" aligner; thin tuning wand; hex wrench. Shpg. wt., 8 oz.

26 C 1002 .... 10.30

NEW *at ALLIED*

MODEL 5050 48-PC. ALIGNMENT TOOL KIT

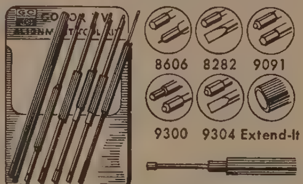


Complete alignment tool kit featuring every tool needed by the professional serviceman or technician for precision alignment of radios, TV's, hi-fi units, all types of electronic equipment. Includes assortment of special alignment tools designed for Zenith and RCA TV sets; "twin end" TV aligners; alignment screwdrivers; channel tuning tool; capacitor and tuner adjusting tool; contact burnishing tool; service inspection mirror, much more. 45-pieces in all. Tools are in handy three-section pouch with fold over flap and snaps to prevent tools from falling out in transit. Each tool is fully visible in its own slot—easy to remove, easy to replace. All are top-quality G-C tools featuring the finest in functional design and precision construction. Pouch size (folded), 12¾x12x1¼″. Shpg. wt., 4 lbs.

26 C 1143 X. *$5 Monthly* 34.95

NEW *at ALLIED*

MODEL 8454 COLOR TV ALIGNMENT TOOL KIT



Extends Reach of Alignment Tools

Handy 7-piece kit features five most-needed alignment tools for color TV, plus "extend-it," a special attachment that makes long-reach aligners out of standard size tools. Includes one each: 8606, 8282, 9091, 9300, 9304 alignment tools; plus "extend-it" and pocket saver pouch. Tools are precision-made, designed for long dependable use. Shpg. wt., 4 oz.

26 C 1144 .... 2.49

MODEL 5040 ALL-PURPOSE ALIGNMENT TOOL KIT

Convenient general-purpose alignment tool kit offers 12 most-popular tools for alignment of both color and black-and-white TV's. Tools are housed in durable plastic case with transparent front for fast, easy identification. Case rolls up for easy storage in service kit. Tools in kit include: 8729 long reach; 8289 "shorty"; 9050-L Zenith-RCA; 9089 Westinghouse alignment tools; 8276 duplex aligner; 8271 core aligner; 9091 iron-core aligner; 8606 Zenith-Admiral hex wrench; 5097 K-tran tool; 9088 heavy-duty soldering tool; 8607 Delrin long reach aligner; 8988 "X57" plastic long slim alignment tool. Tools are all precision designed for top performance. Each tool fits neatly into its own slot in pouch for efficient handling. Shpg. wt., 8 lbs.

26 C 1145 X 8.79

TOP-QUALITY, PRECISION ALIGNMENT TOOLS FOR EVERY SERVICING NEED

Stock No.	Type	Description	Oz.	EA.
26 C 1021	5000	Alignment screwdriver	3	.41
26 C 3122	5003	RCA coil, pushbutton screwdriver	3	.53
26 C 3123	5004	Delrin all-wave set aligner	3	.48
26 C 1015	5097	K-Tran and IF aligner	3	.76
26 C 1020	8195	Channel tuning tool	3	.71
26 C 2496	8271	Stackpole stud-type core aligner	3	.56
26 C 1014	8275	Zenith universal aligner	3	.50
26 C 1011	8276	Short Duplex aligner	3	.50
26 C 2497	8277	2⅝″ duplex aligner	3	.51
26 C 1013	8282	Zenith .100 hex wrench and aligner	3	.36
26 C 3124	8605	Capacitor/tuner hex and screwdriver	3	.63
26 C 1010	8606	Zenith-Admiral Delrin hex wrench	3	.47
26 C 3125	8721	9″ standard/thin stud aligner	3	.78
26 C 1019	8722	7″ duplex #4 and #6 stud aligner	3	.65
26 C 1017	8728	12″ fiberglass screwdriver	3	.52
26 C 1016	8728A	7″ Delrin plastic screwdriver	3	.42
26 C 3655	8867	#4 and #6 I.F. stud aligner	6	1.05
26 C 3656	8868	Dual blade alignment screwdriver	6	1.05
26 C 3657	8869	Double ended hex aligner	6	1.05
26 C 3126	8987	7″ blade plastic screwdriver	3	.63
26 C 2499	8988	12″ plastic screwdriver	3	.91
26 C 2492	8989	16″ blade plastic screwdriver	3	1.20
26 C 1012	9091	.125″ hex nylon wrench	3	.47
26 C 1217	9293	12″ fiberglass alignment stick	12	.47
26 C 3658	9294	16″ fiberglass alignment stick	12	.73
26 C 3128	9295	11″ long Delrin .100 hex	3	.63
26 C 1008	9296	11″ long nylon .075 hex	4	.62
26 C 3129	9300	.075 hex coil slug and alignment	3	.48
26 C 1164	9302	5⅜″ Magnavox hex core aligner	4	.48
26 C 3130	9380	Hex driver for CTS type controls	3	.75
26 C 3659	9440	Transistor IF core aligner	12	.63

Chemicals and Servicing Tools

The RAPID Electroplater
for HOME · FACTORY · INSTITUTION

Complete Kit
for Quick and
Easy Plating

RAPID ELECTROPLATING KITS

or easy electroplating of small metal bjects. Each kit includes: 1-oz. metal leaner; 1-oz. metal polish plating compound; ⅝″ brush; wires and clips; polishing tick. Order batteries, below—uses two No. 1½-volt. Shpg. wt., 1 lb.

Stock No.	Type	Compound	EACH
26 C 1076	200	Nickel	2.49
26 C 1077	202	Cadmium	2.49
26 C 1079	204	Copper	2.49
26 C 1080	205	Brass	2.49
26 C 1088	206	Silver	3.19
26 C 1089	207	24K Gold	5.29

8 C 5641. Batteries. Wt., 2 lbs. . . **Each 91¢**

COLOR CLEAR
A

A G-C 8890 COLOR CLEAR COLOR TV TUBE CLEANER. Stops irt and dust buildup—keeps icture tubes sparkling clear. Acts s anti-static agent—prevents lectrostatic dust accumulation. -oz. spray can. Shpg. wt., 10 oz.
6 C 1120. . . . . .99¢

B CHEMTRONICS ALL-PURPOSE GLUE. Strong, fast-drying glue or plastics, wood, metals, paper, epairing and reconing speakers, oice coils and spiders. 2-oz. botle. Shpg. wt., 4 oz.
6 C 2783. . . . . .48¢

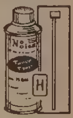
C CHEMTRONICS "TUN-O-LUBE" TUNER CLEANER. An activated V tuner cleaner used by serviceen to clean and lubricate all ypes of tuners. Helps quiet noise aused by dirty contacts. 8-oz. pray can. Shpg. wt., 1 lb.
6 C 2270. . . . . .1.69

D QUIETROLE CLEANER. Cleans controls, switches, elays and other devices. Eliminates noise. With dropper pplicator. 2-oz. bottle. Shpg. t., 4 oz.
6 C 1090. . . . . .1.69

E G-C "SUPER GRIP" EPOXY GLUE. Used by NASA. Won't shrink or expand. Resists acids, alkali, grease, gas, water, etc. High electrical resistance. Hardens in 2-4 hours at room temp. Kit of 2-tubes (approx. 4 oz.). Shpg. wt., 6 oz.
26 C 3650. . . . . 2.50

F "NO NOISE" CONTACT RESTORER. Cleans, lubricates and restores volume controls, band switches, relays. Won't harm precious metals. Does not change capacities. 6-oz. spray can. Shpg. wt., 8 oz.
26 C 3651. . . . . .2.25

G CHEMTRONICS COLOR LUBE. Color TV tuner cleaner. Perfectly safe for any color TV. Will not detune tuners. Cleans, lubricates in one operation. Safe for plastics. Non-flammable. 8-oz. spray can. Wt., 10 oz.
26 C 3652. . . . . .2.39



H "NO NOISE" TUNER CLEANER. Cleans and lubricates TV tuner controls, contacts and switches. Eliminates noise caused by dirty components. Spray can contains 6 fluid oz. Shpg. wt., 14 oz.
26 C 2397. . . . . .2.20

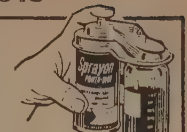
SPRA KLEEN
J

J G-C "SPRA-KLEEN" CONTACT CLEANER. Lubricates contacts, controls, relays, switches. Stops volume control noise. No harsh solvents, won't harm plastic. 6-oz. spray can. Shpg. wt., 10 oz.
26 C 1075. . . . . .97¢

Jif
CLEANS
CONTAC
K

K G-C 8670 "JIF" CONTACT AND CONTROL CLEANER. Cleans and lubricates contacts, controls, switches. Eliminates noise caused by dust. Contains silicone for effectiveness. Non-flammable. 6-oz. spray can. Shpg. wt., 10 oz.
26 C 3133. . . . . .1.79

JET-PAK SPRAY OUTFIT $1.98



Sprays up to 32 oz. of any liquid. Uses gas power-cartridge. Includes head assembly, 4-oz. glass jar, 15-oz. power unit. Shpg. wt., 1½ lbs.
26 C 1638. . . . . .1.98
26 C 1640. 15-oz. Power Unit. 1 lb.. 1.20
26 C 1642. Extra Jar. 5 oz. . . . . .13¢

RELAY KLEEN
L

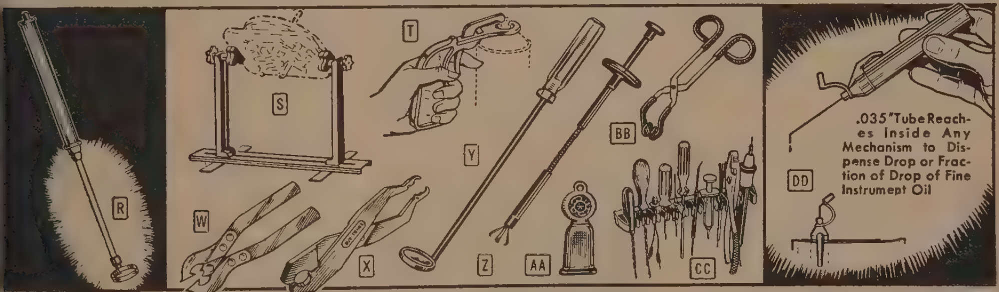
L GC 8682 "RELAY KLEEN" CONTACT CLEANER. For cleaning relays and contacts. Also a good solvent for all electrical and mechanical equipment. Non-flammable, no residue. With pin-point spray extension for hard-to-reach places. 6-oz. spray can. Shpg. wt., 14 oz.
26 C 3131. . . . . .1.89

M G-C 8678 "DRI-SPRA." Cleans and lubricates, prevents rust and corrosion. Use wherever moisture could cause a problem—motors, switches, contacts, etc. Keeps components dry—prevents electrical failures. 6-oz. spray can. Shpg. wt., 10 oz.
26 C 1125. . . . . .1.79

FREEZE MIST
N

N G-C 8668 "FREEZE MIST" CIRCUIT COOLER. Cools components so you can spot bad capacitors and transistors, oxidized joints. With pinpoint spray extension for hard-to-reach places. 6-oz. spray can. Shpg. wt., 10 oz.
26 C 3134. . . . . .1.26

P G-C 8888 "SPRA-LUBE" COLOR-TV TUNER CLEANER. Prevents drift in color TV tuners. Cleans oxidation and dust, leaving a light coating for lubrication. With pinpoint extension spray. 8-oz. spray can. Shpg. wt., 12 oz.
26 C 3135. . . . . .1.95



.035″ Tube Reaches Inside Any Mechanism to Dispense Drop or Fraction of Drop of Fine Instrument Oil

R G-C 8725 ILLUMINATED INSPECTION MIRROR. Anod. alum.; 6″ lucite rod, 1″ hinged irror. Less penlight cells. 12¼″. 6 oz.
6 C 1007. . . . . .1.97
8 C 5870. Burgess "Z" Cell. 1½-volt cell for bove. Uses two. 3 oz. . . . . **Pkg. of 2 for 20¢**

S G-C 5212 CHASSIS CRADLE. Rotates 360° to lock radio or TV chassis at best orking angle. Makes any part of chassis asily accessible. 14″ high, adjustable to 24″ ide. 12½″ deep. Shpg. wt., 7 lbs.
6 C 3710 X. 7.95

T G-C 5900 SPRAY CAN HANDLE. Converts any spray can to spray gun. Keeps hands lean; eliminates hand fatigue. 2 oz.
6 C 1178. . . . . .48¢

W G-C 8872 C-RING TOOL. Removes, inserts "C" washers, retainers. 2 oz.
6 C 1253. . . . . .1.84

X G-C 9356 FUSE PULLERS. Nylon tongs at each end for miniature and industrial fuses, from 3⁄16″ to 1″ dia. Also fits domestic screw-in type. Shpg. wt., 1 oz.
26 C 1177. . . . . .87¢

Y G-C 5090 INSPECTION MIRROR. For inspection of hard-to-reach chassis parts. 1″ diameter mirror with 7⅞″ shaft. Shpg. wt., 5 oz.
26 C 1006. . . . . .41¢

Z G-C 5089 PICKUP TOOL. Push button to open claws—release to close. Flexible 14″ shaft. Shpg. wt., 4 oz.
26 C 1741. . . . . .1.15

AA G-C 9130 TUBE GADGET. 3 tools in one. Straightens 7 or 9-pin miniature tube pins; also can be used for pulling tubes. Shpg. wt., 3 oz.
26 C 1003. . . . . .1.65

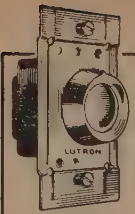
BB G-C HOT TUBE PULLERS. Puts an end to burned fingers and dropped tubes. Special plastic coating insulates handles and tips—assures firm, cool grip. Straight model for open work. Right angle model for tight or enclosed areas.
26 C 3653. Straight Model. 6 oz. 1.73
26 C 3654. Right Angle Model. 6 oz. . . . 1.88

CC G-C 9525 TOOL CADDY. Holds 12 tools, all sizes and shapes, with spring-locked brackets. 10⅞″ wide. Less tools. ¾ lb.
26 C 1254. . . . . .1.57

DD WALSCO REACH-ALL PEN OILER. Pocket size precision instrument oiler. Has .035″ stainless steel tube that extends up to 9½″; lubricates hard-to-reach spots without disassembly. Dispenses drop or fraction of drop of fine oil. Transparent, refillable container comes filled. 5″ long. Pocket clip, tube guard. Shpg. wt., 3 oz.
26 C 1165. . . . . .89¢

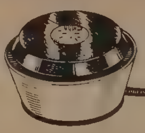
Electrical Accessories for Home and Shop

LUTRON SOLID-STATE LIGHT DIMMERS



Replaces Standard 2-Way Light Switch

$5.98 Saves Bulbs



Dims One or More Lamps, Up to 600 W

Lets you adjust intensity of light to fit every requirement. Adjust for reading, TV watching, to provide a party atmosphere, etc. Simply turn the knob for desired light level. Push the knob to turn lights on or off; does not disturb intensity setting. Easy to install; replaces any standard 2-way light switch. Controls up to 600 watts of incandescent lighting. Must be used with a minimum of 100 watts. Solid-state design assures long life and top performance. Silicon transistors withstand high current and inverse voltage surges. Shpg. wt., ½ lb.

26 C 1510......................5.98

3-WAY ELECTRONIC DIMMER CONTROL. Same features as above, but replaces 3-way switch. Wt., ½ lb.

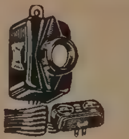
26 C 3013......................11.95

FINGERTIP REMOTE CONTROL

Flatter your rooms with the soft glow of muted light. Decorator-styled Lutron Dim-liter lets you decorate with light. You can brighten a corner, dramatize a furniture grouping, or highlight a painting by dimming or raising the light-level at will. For use in living room, dining room, den, bedroom, nursery, dinette, office, anywhere! Gives you continuous control of one or more lamps, up to 600 watts, incandescent. Saves electricity, too. A concealed glow-light helps you find switch in dark. Cork bottom protects furniture finish. 6′ cord with plug. Use multiple-plug to control more than one lamp. 117 VAC. Wt., 1½ lbs.

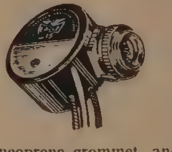
26 C 3752......................9.95

EAGLE "LIGHT-A-MATIC" LIGHT CONTROLS



INDOOR UNIT. Turns on lights at dusk and shuts them off at dawn. Place control facing outdoor natural light, plug it into outlet, and plug lamps into unit. Sealed case, 2⅝x1¾x1⅜″. 8-ft. cord, plug. 875 W incandescent or 500 W fluorescent. 110-125 V, 50-60 Hz AC. Shpg. wt., 1 lb.

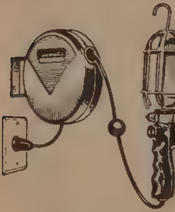
26 C 1839......................5.95



OUTDOOR UNIT. Converts outdoor lights to automatic ON at dusk and OFF at dawn operation. Mounts through 11/16″ or 7/8″ hole in post, porch, or patio light. With matching locknuts, neoprene grommet, and three stripped 8″ leads. 1¾″ dia., ¾″ wide; shank 21/32″ dia., 13/16″ long. 300 W incandescent; 120 VAC.

26 C 3672. Shpg. wt., 8 oz..........6.98

CORDOMATIC



HANDY-LITE REEL

Model 500

$7.95

Complete

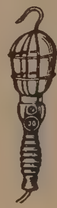
- For Homes, Workshops, Garages
- Retractable 20′ Heavy-Duty Cord

Light, cord, and reel gives plenty of light for workshops and garages. 20′ heavy-duty cord pulls out easily, locks, and retracts automatically. Gravity locking permits fingertip control at any length. Reel can be wall-mounted for 180° free swivel or ceiling-mounted for 360° swivel. Outlet in handle for power tools, etc. Hardware for wall or ceiling mounting. 110-120 volt, 60 Hz AC.

26 C 3190. Wt., 3¾ lbs..............7.95

26 C 3191. Model 500G. Above, with 3-wire grounded outlet..............9.95

TROUBLE-LAMP BARGAINS

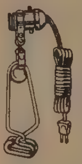


Extend light and power. Heavy-duty insulated cable. Hard-rubber handle houses switch and 2 outlets. Supply up to 600 watts (including power for bulb) at 110-125 V, AC-DC. Less bulb. Av. shpg. wt., 3 lbs.

26 C 1947. Lamp with 50′ Extension Cable..............2.29

26 C 1946. Lamp with 25′ Extension Cable..............1.69

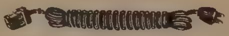
CLAMP-ON UTILITY LIGHT



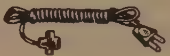
Convenient, portable light can be used anywhere. Clamps on chair, bed, post, etc. Vinyl-covered, heavy-duty clamp won't mar finishes. Also handy for workshops and display lighting in stores. Socket on swivel; can be adjusted to any angle; throws light where you want it. Less bulb. Shpg. wt., 1 lb.

26 C 2585..............1.19

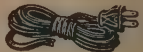
A



B



C



A VINYL EXTENSION CORDS

Have vinyl plug on one end and flat vinyl 3-way receptacle on other. Vinyl-covered No. 18 wire.

Stock No.	Ft.	Color	Wt.	EACH
26 C 2232	9	Brown	4 oz.	.41
26 C 2233	9	Ivory	4 oz.	.43
26 C 2230	6	Brown	3 oz.	.33
26 C 2231	6	Ivory	3 oz.	.36

B TV LINE CORD

Cheater-type TV line cord. 6′. 2-conductor, brown vinyl-covered cord with plastic plug. Shpg. wt., 1 lb.

26 C 1944..............................37¢

C REPLACEMENT CORDS

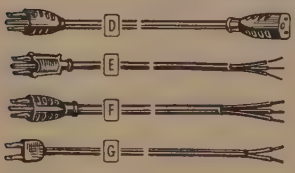
6′, plastic, plug, end-stripped. 10 oz.

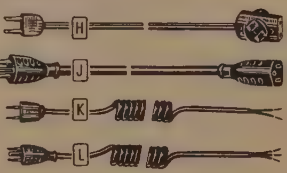
26 C 2551. Ivory..............21¢

26 C 2550. Brown..............21¢

26 C 2020. Black..............21¢

BELDEN ELECTRICAL CORDS





D QUALITY HEAVY-DUTY EXTENSION CORDS

Have molded 3-prong plug at one end and molded 3-prong receptacle at other end. 3-conductors. Yellow vinyl cover. U.L. Listed. *In table indicates gauge.

Stock No.	Mfr's Type	Ft.	*	Lbs.	EACH	
					1-9	10-Up
26 C 2181	17491	25	18	2½	2.32	2.07
26 C 2182 X	17492	50	18	3½	4.26	3.80
26 C 2183 X	17493	100	18	9	7.76	6.94
26 C 2184	17494	25	16	3	2.72	2.43
26 C 2185 X	17495	50	16	4½	5.36	4.79
26 C 2186 X	17497	100	16	11	9.60	8.50
26 C 2187	17694	25	14	5½	5.70	5.09
26 C 2188 X	17695	50	14	10	10.02	8.95
26 C 2189 X	17697	100	14	19½	18.32	16.37

3-CONDUCTOR CORDS

Types 17236, 17238 and 17237 are for small tools, business machines, instruments. Others for sanders, grinders, saws, polishers requiring grounding. *Gauge. Black except, †gray. Letters in Type No. indicate cordage. U.L. Listed. Av. shpg. wt., 8 oz.

Stock No.	Mfr's Type	Fig.	Ft.	*	EACH	
					1-9	10-Up
26 C 2872	17236-SV	E	6	18	.76	.69
26 C 2873	17238-SV	E	8	18	.88	.79
26 C 2874	†17237-SVT	E	6	18	.69	.61
26 C 1930	17408-SJ	F	8	18	.94	.84
26 C 2875	†17407-SJT	F	8	18	.86	.77
26 C 2876	17409-SJO	F	8	18	.86	.77
26 C 2877	17419-SJ	F	9	16	1.25	1.12

2-CONDUCTOR VINYL LINE CORDS

Type 17106, 17109 for lamps, radios, small appliances. Molded plug one end; other end stripped. Type 17156 is a 3-way cube tap cord. All are brown. Letters in Type No. indicate cordage. *Gauge. U.L. Listed. Av. shpg. wt., 4 oz.

Stock No.	Mfr's Type	Fig.	Ft.	*	EACH	
					1-9	10-Up
26 C 2854	17106-SPT	G	6	18	.35	.31
26 C 2855	17109-SPT	G	9	18	.45	.40
26 C 2856	17156-[illegible]PT	H	6	18	.46	.41

3-CONDUCTOR POWER CORDS

For electrical equipment having a built-in receptacle with blades and grounding pin. Can also be used as extension cord with devices requiring ground. Black rubber with vinyl connectors. U.L. Listed. Wt., 2 lbs.

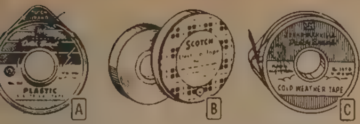
26 C 2895	17460	J	10	18	1.30	1.16
26 C 2896	17461	J	10	16	1.49	1.33

RETRACTABLE POWER CABLES

Stay neat . . . allow free movement of appliance or tool. 6-ft. length retracts to 12″; 12-ft. to 24″. Black. U.L. Listed. Letters in Type No. indicate cordage. Av. wt., 1 lb.

26 C 2878	17249-SVO	K	6	18	1.23	1.10
26 C 2879	17447-SJO	L	6	18	1.62	1.44
26 C 2880	17449-SJO	L	12	16	2.61	2.33

Electrical Accessories for Home and Shop



A C DUTCH PLASTIC ELECTRICAL TAPE

Strong black vinyl. A-7, .007″; 130, .010″; 167, 0085″, usable—10° F to +176° F. 6 oz.

26 C 3614. Type A-7. ¾″x44″........Per Roll 80¢
26 C 3623. Type 130. ½″x108″.......Per Roll 1.56
26 C 3671. Type 167. ¾″x60″ . Per Roll 1.24

DUTCH FRICTION ELECTRICAL TAPE

Tough fabric base. Sticks tight, protects against vear or weather. Resists 1800 V. 7 oz.

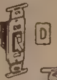
26 C 2486. No. 4. ¾″x30′ ....Per Roll 26¢
26 C 3612. No. 8. ¾″x60′ Per Roll 53¢
26 C 3620. D48200. ⅜″x60′. ....Per Roll 25¢

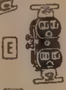
B SCOTCH PLASTIC ELECTRICAL TAPE

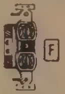
Black pressure-sensitive vinyl plastic. No. 33, .007″; No. 88, .0085″, all-weather tape. 6 oz.

26 C 3699. No. 33. ¾″x44′..........Per Roll 94¢
26 C 2512. No. 33. ¾″x66′..........Per Roll 1.39
26 C 3700. No. 88. ¾″x66′..........Per Roll 1.62

EAGLE SWITCHES AND RECEPTACLES







D QUIET SWITCH. 15 A, 120 VAC. U.L. Listed: C.S.A. Approved. Shpg. wt., 4 oz.

6 C 2528. Brown—Single Pole 39¢
6 C 2529. Ivory—Single Pole....43¢
6 C 3000. Brown—3-Way . . 65¢
6 C 3001. Ivory—3-Way........69¢

E 3-WIRE DUPLEX RECEPTACLE. 15 A, 125 V. U.L. Listed. Screw, press erminals. Shpg. wt., 4 oz.

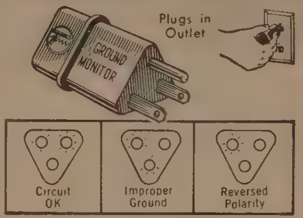
6 C 3006. Brown...............34¢
6 C 3007. Ivory................38¢

F DUPLEX FLUSH WALL RECEPTACLE. 15 A, 125 V. U.L. Listed. 4 oz.

6 C 3008. Brown...............23¢
6 C 3009. Ivory .... 27¢

NEW at ALLIED

DEARBORN 3-WIRE GROUND AND POLARITY TESTER



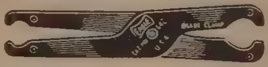
$\$5^{95}$

- Quick, Easy Test
- Assures Your Safety

"CIRCUIT GUARD." Tests for proper ground and polarity at 115-V 3-wire power outlets. Lights indicate Circuit OK, Improper Ground, Improper Neutral, Reversed Polarity, Reversed Ground and Power, No Power. Assures safe operation of 3-wire equipment. Checks frame ground of travel trailers. Wt., 8 oz.

26 C 3670 .... 5.95

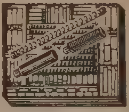
POCKET-TYPE FUSE PULLER



EAGLE 642. Replace cartridge fuses safely and easily. Completely insulates you from power line. Rated 200A at 250 V, 100 A at 600 V. Five-lamination construction for strength and durability. Special blade clamp for adjusting fuse clips that have spread. 1⅛x7½″.

26 C 3673. Shpg. wt., 3 oz........79¢

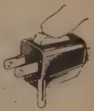
CARBON MOTOR-BRUSH KIT



EAGLE 526. Assortment of 104 carbon brushes and 15 copper springs. Exact replacement in a wide variety of vacuum cleaners, appliances and other fractional horsepower motors.

26 C 3674. Shpg. wt., 1 lb. ..4.98

DEFLEX GROUNDING PLUG

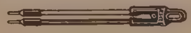


- Fits 2 and 3-hole outlets
- No Adapter Ever Needed
- Button Converts Plug

Convertible grounding plug allows you to operate 3-wire appliances from 2 or 3-hole outlets. Yellow button on plug deflects grounding blade for 2-hole outlets. Tension spring holds grounding blade against metal faceplate.

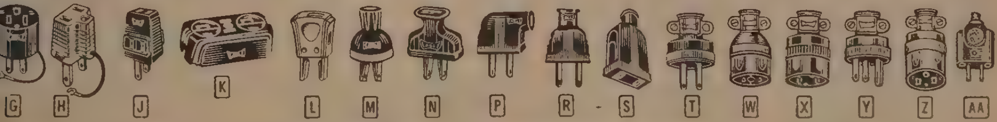
26 C 3066. Shpg. wt., 3 oz.........79¢

EAGLE "DETECTO-LITE" TESTER



Tests power lines from 90 to 600 volts. Burns dim on low voltage, brighter on higher voltage. Both electrodes glow on AC, one electrode on DC. Flash frequency indicates 60 or 30-Hz line. Detects live or ground wire, using one lead. With safety pocket clip.

26 C 3688. Shpg. wt., 3 oz.......44¢



VALUES IN SELECTED ELECTRICAL WIRING ACCESSORIES FOR THE HOME

G EAGLE BAKELITE GROUND ADAPTER. Heavy duty double wire contacts. For onnecting 2-wire system to 3-wire parallel lade and U-ground. 3¾″ grounding lead. J.L. Listed. 15 amp @ 125 V. 2 oz.

6 C 3669 ....28¢

H EAGLE PARALLEL GROUND ADAPTER. Gray vinyl, will not crack. Double wire ontacts. Connects 2-wire system to 3-wire arallel U-ground. Duplex receptacle acepts two. Grounding lug with "C" lug. J.L. Listed. 15 amp @ 125 V. 2 oz.

6 C 3729 .... 23¢

J EAGLE VINYL CUBE TAP. 3 easy-to-get-at outlets. Brass spring prongs. 15 amp @ 25 V. U.L. Listed. 2 oz.

6 C 3724........................22¢

K EAGLE BAKELITE TRI TAP. 3 taps. 15 amp @ 125 V. U.L. Listed. 2 oz.

6 C 2545 .... 23¢

L EAGLE JIFFY PUSH-PULL PLUG. With brass spring prongs. 15 amp @ 125 V. U.L. Listed. Shpg. wt., 2 oz.

6 C 2542 ....9¢

M EAGLE FLEXIBLE SPRING PRONG RUBBER HANDLE CAP. 15 amp @ 125 V. U.L. Listed. With fibre washers. **2 per pkg.** Shpg. wt., 2 oz.

6 C 3721 .... **Pkg. of 2 for 25¢**

N EAGLE FLAT BAKELITE HANDLE CAP. Brass spring prongs. U.L. Listed. 15 amp @ 125 V. **Pkg. of 2.** 4 oz.

26 C 3723 .... **Pkg of 2 for 23¢**

P EAGLE FLAT RUBBER CAP WITH SIDE OUTLET. With brass prongs. Wiring completely enclosed. 15 amp @ 125 V. U.L. Listed. 4 oz.

26 C 3722 ....**Pkg. of 2 for 33¢**

R EAGLE FLAT RUBBER CAP. Binding screws won't touch even when stepped on. Brass prongs. 15 amp @ 125 V. Use with Figs. R and S. U.L. Listed. 4 oz.

26 C 3725 ....**Pkg. of 2 for 29¢**

S EAGLE FLAT RUBBER CORD CONNECTOR. Female contacts. 15 amp @ 125 V. U.L. Listed. 2 oz.

26 C 3727..........................38¢

T EAGLE LARGE RUBBER HANDLE CAP 15 A @ 125 V. U.L. Listed. 2 oz.

26 C 3728..........................23¢

W EAGLE RUBBER CORD CONNECTOR. 15 A @ 125 V. U.L. Listed. 2 oz.

26 C 3603 ....35¢

X EAGLE RUBBER CONNECTOR. 15 A @ 125 V. U.L. Listed. 2 oz.

26 C 3726 .... 38¢

Y EAGLE PARALLEL GROUND RUBBER HANDLE CAP. 15 A @ 125 V. 2 oz.

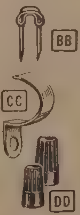
26 C 3717. U.L. Listed............ 45¢

Z EAGLE PARALLEL GROUND RUBBER CONNECTOR. 15 A @ 125 V. 2 oz.

26 C 3718. U.L. Listed ...... 89¢

AA FUSED PLUG. Takes 2-3AG fuses (not supplied.) U.L. Listed. 3 oz.

26 C 3648 ....37¢



BB INSULATED COPPER STAPLES. For holding wiring in place. Off-white insulation. **Boxes of 50.** 7 oz.

26 C 1914. ³⁄₁₆x½″ **Box of 50 for 21¢**
26 C 1915. ³⁄₁₆x¾″ **Box of 50 for 21¢**

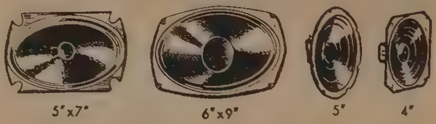
CC G-C CABLE CLAMPS. Nickel-plated. #6 mtg. hole. **25 per pkg. except *20, †15 per pkg.** 4 oz.

Stock No.	Type	Fit	PKG.
26 C 2215	H502F	⅛″ to ³⁄₁₆″	.36
26 C 2216	H503F*	³⁄₁₆″ to ¼″	.36
26 C 2217	Z7243†	¼″ to ⁵⁄₁₆″	.36
26 C 2218	H506F†	⁵⁄₁₆″ to ½″	.36

DD PHENOLIC-TYPE SOLDERLESS WIRE CONNECTORS. Extremely handy; requires no tools; all you have to do is strip two ends, push them into connector, and screw cap down. Wire cannot be pulled out after being inserted into connector. U.L. Listed. Av. shpg. wt., pkg. of 2, 4 oz.

Wire Size	Stock No.	PKG. OF 12
16-18	26 C 3701	.15
14-18	26 C 3702	.19
12-18	26 C 3703	.28

LINCOLN Top-Value Replacement Speakers

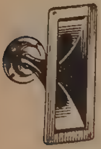


GENERAL-PURPOSE REPLACEMENT SPEAKERS

- For Universal Replacement Use
- Ruggedly Constructed
- Built to EIA Standard Dimensions
- Precision-Centered Elements
- Rigid Frame Assures Alignment
- Dust-proofed Coils

Top-quality permanent magnet speakers at very low prices. Designed for replacement use in all types of music systems, or with new equipment. Ruggedly constructed throughout—to exacting EIA standards. Rigid frame assures permanent alignment of parts, assures longer service, better reproduction. Magnet and voice coil are precision centered for efficient, distortion-free sound. Dustproofed coils for longer life and reliability. Impedance, 3.2 ohms, except †, which indicates 8 ohms impedance. *Indicates extended-range speaker. PC indicates pincushion shaped basket.

Stock No.	Size	Shape	Mag. Oz.	Max. Watts	Wt., Lbs.	EACH
16 C 3476	4"	Square	.68	3.0	½	1.59
16 C 3477	5"	PC	.68	3.5	¾	1.89
16 C 3472	5x7"	Oval	1.0	5.0	1	2.39
16 C 3471	6x9"	Oval	1.47	8.0	1¼	2.69
16 C 3493	*6x9"	Oval	1.47	8.0	1¼	2.89
16 C 3416	†6x9"	Oval	1.47	8.0	1¼	2.79
16 C 3470	8"	PC	2.15	9.0	1½	2.79
16 C 3542	†8"	PC	2.15	9.0	1½	2.79
16 C 3529 X	12"	Round	3.16	10.0	3¾	4.99

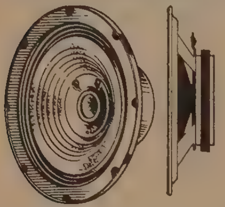


2x6" COMPRESSION TWEETER

Efficient design provides wide-angle dispersion for good sound reproduction. Built-in crossover capacitor simplifies installation. Response: 2000-18,000 Hz. Employs 1.4-oz. magnet, with ¾" voice coil. Power capacity, 30 watts. Impedance, 8 ohms. Shpg. wt., 1¾ lbs.
16 C 3539 .... 6.95

NEW!

TOP-VALUE PRECISION-BUILT HEAVY-DUTY REPLACEMENT SPEAKERS



- Constructed with Heavy Ceramic Magnet Assemblies
- Moisture-Resistant Cone
- Rigid, Extra-Strong Frame
- Rugged, Baked Enamel Finish
- Wide Variety of Applications
- Built for Continuous Service
- Epoxy Bonds Between Cones and Voice Coils

Allied's own Lincoln brand of high-quality permanent-magnet replacement speakers at exceptionally low cost. Specially designed for a wide variety of uses including replacement of speakers in original equipment such as radios, public address systems, intercom systems, extension speakers, or even low-cost stereo music systems in rumpus or playroom.

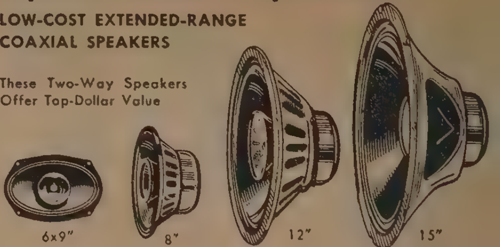
Precision-built throughout for years of rugged and continuous service. All have large precision-centered magnets and voice coils for better tonal quality with plenty of power handling capacity. Mount easily in hard-to-get-at locations such as wall, ceiling, narrow speaker baffles or other speaker enclosures. Perfect for space-saving custom installations.

Cone is specially treated with a moisture-resistant formula to prolong speaker life even in damp locations. Rigid frame assures permanent alignment of voice coil and other moving elements. Universal 8-ohm impedance matches most music system amplifiers. Finished in rugged, baked-on enamel. PC, pincushion shape.

Stock No.	Type	Size	Shape	Magnet Oz.	Shpg. Wt.	EACH
16 C 3404	4BC	4"	Square	1.0	¾ lb.	4.75
16 C 3408	5BC	5"	PC	1.0	¾ lb.	4.95
16 C 3409	6EC	6"	PC	3.0	1 lb.	5.50
16 C 3410	8FC	8"	PC	5.5	1¾ lbs.	5.95
16 C 3411 X	12JC	12"	Round	10.0	3¾ lbs.	9.95
16 C 3412	57EC	5x7"	Oval	3.0	1¼ lbs.	5.50
16 C 3413	69JC	6x9"	Oval	10.0	2½ lbs.	6.95

LOW-COST EXTENDED-RANGE COAXIAL SPEAKERS

These Two-Way Speakers Offer Top-Dollar Value



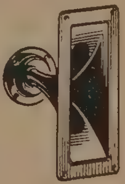
Ideal for use in low-cost music systems or as extension speakers. Provide clear highs and smooth, undistorted lows. Feature heavy-duty 1" voice coils, except 6x9" size, ¾". Impedance, 8 ohms.

16 C 3553 X. 15" Coaxial Speaker. Woofer has 10-oz. Alnico V magnet; 5" tweeter has 1.47-oz. magnet. 40-16,000 Hz response, crossover at 1800 Hz. Power cap., 20 watts. Wt., 8 lbs....... 14.95

16 C 3551 X. 12" Coaxial Speaker. Woofer has 6-oz. magnet; 4" tweeter has .68-oz. magnet. 40-15,000 Hz response, crossover at 2500 Hz. Power capacity, 15 watts. Shpg. wt., 5 lbs.......... 8.95

16 C 3552. 8" Coaxial Speaker. Woofer has 3-oz. magnet, tweeter has .68-oz. magnet. 50-13,000 Hz response, crossover at 3000 Hz. Power capacity, 9 watts. Shpg. wt., 6 lbs.................... 6.95

16 C 3554. 6x9" Coaxial Speaker. Oval speaker with 3-oz. magnet. 3" tweeter has .68-oz. magnet. 50-15,000 response, crossover at 3000 Hz. Power capacity, 8 watts. Shpg. wt., 1½ lbs............... 6.95



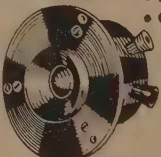
4x10" MIDRANGE HORN

Die-cast midrange horn for replacement use or modernization of existing equipment. Adds startling realism to most speaker systems. Reinforces middle-range frequencies for fuller, richer sound. High sensitivity for increased "presence," wide dispersion angle for uniform distribution. Frequency response: 600-12,000 Hz. Handles 30-watt program peaks with proper crossover. Mounting flange, 10½x3^{15}⁄$_{16}$". Depth 11". 8 ohms impedance. Complete with capacitor crossover. Shpg. wt., 3 lbs.
16 C 3540............................ 7.95

NEW!

VERSATILE COMPRESSION TWEETER HORN

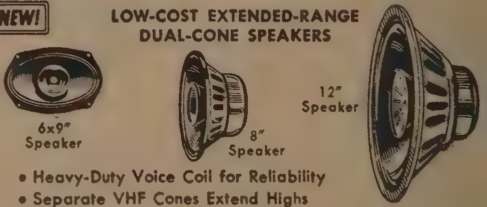
- Extends Speaker Range to 19,000 Hz
- Compression Molded Cycolac® Horn



T-308. Improve speaker response in your music system at lowest possible cost. 3⅝" tweeter increases range of present speaker to 19,000 Hz. Recommended crossover frequency, 4500 Hz. Spring-loaded terminals are color coded for easy phasing. Impedance, 8 ohms. Shpg. wt., 1 lb.
16 C 3418........................... 8.95

NEW!

LOW-COST EXTENDED-RANGE DUAL-CONE SPEAKERS



- Heavy-Duty Voice Coil for Reliability
- Separate VHF Cones Extend Highs
- Rigid Frame Assures Alignment

Perfect for extension speakers or for low-cost music systems for family or play room. Offers extended response with clear highs and smooth low frequencies. Whizzer cone acts to reinforce higher frequencies. Rigid frame assures alignment of voice coil and other moving elements. Internal dust cap protects heavy-duty voice coil—extends life of speaker. Husky ceramic magnet drives dual-cone. Impedance, 8 ohms.

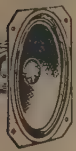
Stock No.	Type LC	Size	Shape	Mag. Oz.	Wt., lbs.	EACH
16 C 3419	57EC-W	5x7"	Oval	3.0	1¼	3.95
16 C 3423	69JC-W	6x9"	Oval	10.0	2½	5.49
16 C 3428	8JC-W	8"	Round	10.0	2¾	5.49
16 C 3431 X	12JC-W	12"	Round	10.0	4	7.45

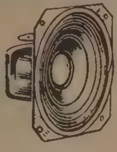
Lincoln Speakers Are Available Only From Allied

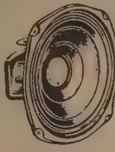
Speakers by Quam, Utah and Misco

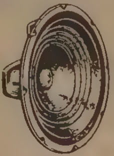
BUY TWO AND SAVE 10%

QUAM GENERAL-PURPOSE REPLACEMENT SPEAKERS


Oval


Square


Pincushion


Round

lave Alnico V magnets, baked-enamel finish. *Very shallow frame. mpedance: 3.2 ohms, except †8 ohms; ‡8-10 ohms; §12 ohms; #100 hms. "PC" in table is pincushion design.

Stock No.	Mfr's Type	Shape	Size	Cap., W	Mag. Oz.	Wt., Lbs.	EA.	TWO for
6 C 3424†	22A06Z8	Round	2¼"	.25	.45	¼	2.85	5.12
6 C 3425#	22A06Z100	Round	2¼"	.25	.45	¼	3.15	5.66
6 C 3422	25A07	Square	2½"	1.5	.65	¼	2.18	3.92
6 C 3426§	27A06Z12	Round	2¾"	.25	.55	¼	2.82	5.06
6 C 3485	30A05	Square	3"	2.0	.55	¼	1.72	3.08
6 C 3453	3A07	Square	3½"	2.5	.65	½	2.18	3.92
6 C 3417	4A05	Square*	4"	2.5	.55	¼	1.61	2.88
6 C 3561	26A07	Oval	2x6"	2.0	.65	½	2.35	4.22
6 C 3421	35A05	Oval	3x5"	2.0	.55	½	2.29	4.12
6 C 3434	4A07	Square*	4"	3.0	.65	½	2.35	4.22
6 C 3435	4A1	Square	4"	3.0	1.0	¾	2.51	4.50
6 C 3436	4A15	Square	4"	3.0	1.47	¾	2.75	4.94
6 C 3433	46A1	Oval	4x6"	3.5	1.0	¾	2.78	5.00
6 C 3438†	4A178	Square*	4"	3.0	1.0	¾	2.91	5.22
6 C 3461	46A15	Oval	4x6"	3.5	1.47	1	3.00	5.40
6 C 3427	48A2	Oval	4x8"	4.5	1.4	1	4.34	7.80
6 C 3484	410A2	Oval	4x10"	6.0	1.4	1¼	4.88	8.78
6 C 3441	5A1	PC	5"	3.5	1.0	1	2.64	4.74
6 C 3439	5A15	PC	5"	3.5	1.47	1	2.86	5.14
6 C 3442†	5A178	PC*	5"	3.5	1.0	½	3.03	5.44
6 C 3478	52A1	PC	5¼"	4.0	1.0	1	2.70	4.84
6 C 3405	52C10	PC	5¼"	10.0	10.0	2⅛	5.43	9.96
6 C 3446	57A15	Oval	5x7"	5.0	1.47	1	3.33	5.98
6 C 3447	57A21	Oval	5x7"	5.0	2.15	1¼	3.68	6.62
5 C 3440	6A1	PC	6½"	5.0	1.0	1	2.89	5.20
5 C 3445	6A31	PC	6½"	6.0	3.16	1½	4.14	7.44
5 C 3451‡	69A2Z10	Oval	6x9"	8	1.4	1¼	4.77	8.58
5 C 3463	69A3	Oval	6x9"	10.0	3.2	1¾	5.02	9.02
5 C 3449	7A21	PC	7"	6.0	1.4	1	3.95	7.10
5 C 3443	8A21	PC	8"	7.0	2.15	1½	4.23	7.60
5 C 3444	8A31	PC	8"	9.0	3.16	2¼	4.91	8.82
5 C 3452	10C5	Round	10"	9	4.8	2¼	6.27	11.54
5 C 3533X	12A6A	Round	12"	14.0	6.8	4½	8.70	15.64

WEATHERPROOFED OUTDOOR SPEAKERS

Humi-Gard'' cone of plastic impregnated fiber fabric outlasts rdinary moisture-proofed cones. 3.2 ohms. *Wattage capacity.

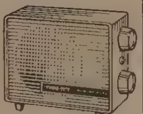
Stock No.	Mfr's Type	Size	Shape	W*	Mag.	Wt., Lb.	EA.	TWO for
6 C 3432	3A07OT	3½"	Square	2.5	.65 oz.	½	2.35	4.22
6 C 3448	4A05OT	4"	Square	2.5	.55 oz.	¼	2.18	3.92
6 C 3547	5A05OT	5"	Pincush.	3.0	.55 oz.	¼	2.45	4.40

45-OHM INTERCOM SPEAKERS

M speakers for replacement in intercommunications systems.

Stock No.	Mfr's Type	Size	Shape	Mag.	Wt., Lb.	EA.	TWO for
16 C 3481	3A07745	3½"	Square	.65 oz.	½	2.55	4.58
16 C 3482	4A1745	4"	Square	1.0 oz.	¾	2.91	5.22
16 C 3483	5A1745	5"	Pincush.	1.0 oz.	1	3.06	5.50

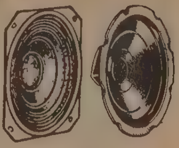
PERSONAL REMOTE SPEAKER



This speaker lets you enjoy good-quality personalized listening to your TV, radio or phonograph. Excellent as an extension speaker, too. Two controls, one for the speaker, the other for the radio, TV, etc. Easy to install, simply connect cable from your remote to speaker leads in your radio, TV, or phonograph. Has attractive, high impact plastic case, 4x4x2". With 20-ft. cable. From Japan. Wt., 1 lb.

16 C 3515 ....Each 3.95 Two for 7.11

UTAH SHALLOW-PROFILE HIGH-EFFICIENCY SPEAKERS

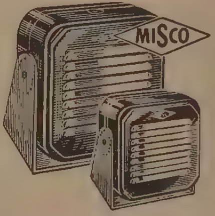


- Micro-Gap Replacement Speakers
- So Slim They Fit Anywhere
- Provide Big Sound—Use Little Space
- High Flux-Density Alnico V Magnets

Exceptionally shallow, highly-efficient replacement speakers for use in radios, TV's, electronic test equipment, etc. Their slim profile lets them fit anywhere. Alnico V magnets provide gap flux-density equaling or exceeding EIA standards. Give you more drive per ounce, better response, fuller tone. Can be used with new miniaturized components without taking up a lot of space. Slim profile is achieved by G.E.'s wafer-thin magnet, and one-piece pot. All have 3-4 ohms impedance, except Types SP8J8 and SP12J8, which have 8 ohms impedance. Type SP25A is for use with transistorized circuits. PC in table indicates pincushion. *Indicates speaker has transformer mounting facilities.

Stock No.	Mfr's Type	Shape	Size	W†	Depth	Mg. Oz.	Lb.	EA.	TWO for
16 C 3500	SP25A	Square	2½"	2	1⁵⁄₁₆"	.68	¼	2.25	4.05
16 C 3501	SP3A	Square	3"	3	1⅜"	.68	¼	2.19	3.94
16 C 3456	SP35A	Square	3½"	3	1⁹⁄₁₆"	.68	½	2.22	4.00
16 C 3457	SP4Y	Square	4"	4	1½"	.55	½	1.68	3.02
16 C 3502	*SP4B	Square	4"	4.5	1¹¹⁄₁₆"	1.00	¾	2.52	4.54
16 C 3420	SP5Y	PC	5"	4	1¹¹⁄₁₆"	.55	½	2.01	3.62
16 C 3503	*SP5B	PC	5"	5	1⅞"	1.00	¾	2.55	4.59
16 C 3458	SP6A	PC	6"	6	2⅛"	.68	¾	2.58	4.64
16 C 3505	*SP6D	PC	6"	6.5	2⁹⁄₃₂"	1.47	¾	2.94	5.29
16 C 3507	*SP6FL	PC	6"	8	3"	3.16	1½	4.23	7.61
16 C 3459	SP8D	PC	8"	8	2¾"	1.47	1¼	3.33	5.98
16 C 3508	*SP8G	Round	8"	10	3⁹⁄₃₂"	3.16	2	4.92	8.86
16 C 3509	*SP8J8	Round	8"	12	4¹⁄₁₆"	6.8	3¼	6.51	11.72
16 C 3510X	*SP12J8	Round	12"	14	5⁷⁄₁₆"	6.8	4¾	7.80	14.04
16 C 3511	SP46A	Oval	4x6"	4	1²³⁄₃₂"	.68	½	2.61	4.70
16 C 3466	SP53Y	Oval	5x3"	4	1¹⁹⁄₃₂"	.55	½	2.25	3.98
16 C 3406	SP57A	Oval	5x7"	4.5	2¼"	.68	¾	2.85	4.98
16 C 3512	SP57D	Oval	5x7"	6.5	2⁹⁄₃₂"	1.47	1	3.27	5.89
16 C 3467	SP69B	Oval	6x9"	7.0	2²⁷⁄₃₂"	1.00	1	3.75	6.58
16 C 3513	SP69D	Oval	6x9"	7.5	2⅞"	1.47	1¼	3.78	6.80
16 C 3514	SP69G	Oval	6x9"	10	3⁹⁄₃₂"	3.16	1¾	5.01	9.02

ALL-WEATHER SPEAKERS FIGHT MOISTURE AND DIRT



- Rugged Outdoor Speakers
- Perform Under All Conditions
- Cones Treated for Long Life
- Acoustically Designed Louvers

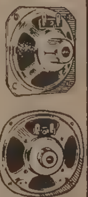
Each speaker is housed in a rugged, 20-gauge steel enclosure that is weatherproof and dustproof. Withstands the destructive effects of humidity, temperature, shock and corrosive climates. Perfect for patios, outdoor theaters, factories etc. Has acoustically designed louvers, and perforated plate backing. Treated speaker cones. Impedance, 8 ohms. Type MS-3BB, 3½" "Mini-Speaker" has 1-oz. magnet; is 4x4x2⅝". 3-watt capacity.

16 C 3414. MS-3BB. 1½ lbs. . . . Each 6.49 Two for 11.68

Type MMS-8-F. 8" "Music-Mini" has 3.16-oz. magnet; is 9x9x4¼". 70-13,000 Hz response. Capacity. 8 watts.

16 C 3550. MMS-8-F. 5 lbs. . . . . Each 12.96 Two for 23.32

NEW! UTAH WEATHERPROOF OUTDOOR SPEAKERS



For drive-ins, theatres, golf courses, etc. Specially treated cone, dust cap, ring. 3-4 ohms. *Square; †pincusion. ‡Magnet weight.

Stock No.	Type SP	Size	§	‡ oz.	Lb.	EA.	TWO for
16 C 3460*	35A-WP	3½"	3	.68	½	2.98	5.36
16 C 3464*	4Y-WP	4"	4	.55	½	2.69	4.84
16 C 3465†	5Y-WP	5"	4	.55	½	2.69	4.84
16 C 3469†	8D-WP	8"	8	1.47	1¼	3.98	7.16

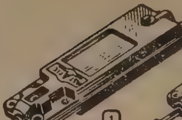
Vide Selection of Musical Instrument Speakers, Pages 106, 107

Exact-Replacement Phono Cartridge

ASTATIC

ELECTRO-VOICE

SONOTONE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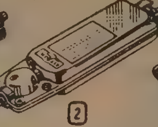
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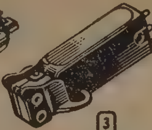
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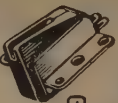
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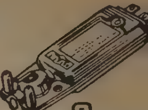
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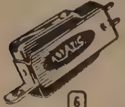
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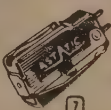
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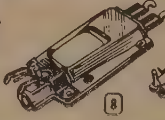
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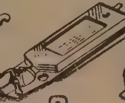
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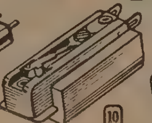
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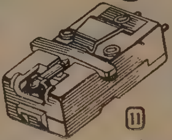
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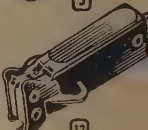
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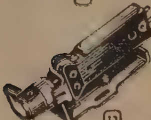
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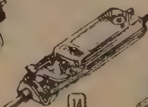
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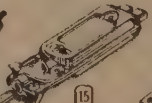
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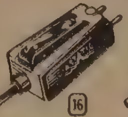
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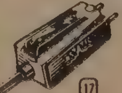
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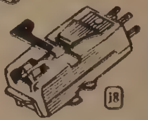
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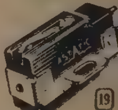
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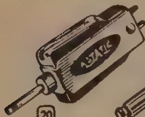
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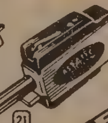
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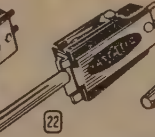
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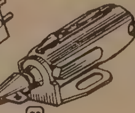
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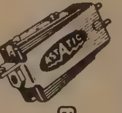
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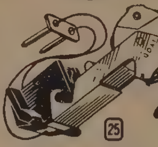
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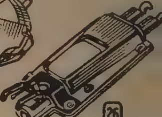
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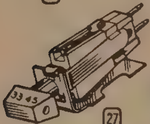
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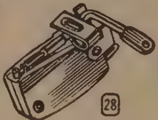
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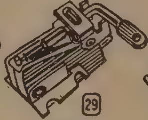
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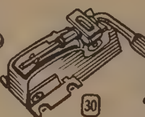
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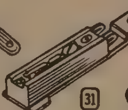
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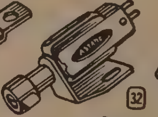
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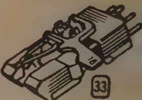
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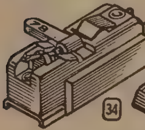
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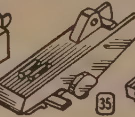
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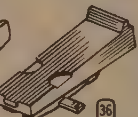
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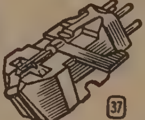
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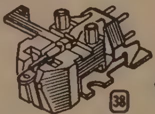
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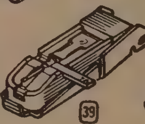
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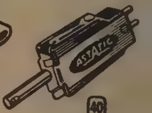
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These stereo and monaural phonograph cartridges replace the originals used by most manufacturers of phonographs. In "Needle" column of tables below, 1S and 1D indicate .001" synthetic-sapphire or natural-diamond tip for long-playing records; 3S, .003" synthetic-sapphire tip for 78-rpm records; 2S, .002" all-purpose synthetic-sapphire for all mono records; .7S and .7D indicate .0007" synthetic-sapphire or natural-diamond for stereo records. Av. shpg. wt., 3 oz.

SINGLE-NEEDLE MONAURAL CARTRIDGES

Stock No.	Mfr's Type	Exact Replacement For	Fig.	Needle(s)	EACH
16 C 1002	Ast. 12	Astatic 12	2	2S	2.67
16 C 1005	Ast. 24	Astatic 24	1	3S	2.97
16 C 1116	Ast. 40-1	Astatic 40-1	3	1S	3.90
16 C 1243	Ast. 40-2	Astatic 40-2	3	2S	3.90
16 C 1238	Ast. 51-1	Astatic 51-1	4	1S	4.44
16 C 1217	Ast. 62-1	RCA 103238, 103238A	8	1S	2.97
16 C 1224	Ast. 66-2	Astatic 66-2	5	2S	2.97
16 C 1216	Ast. 146-7	RCA 123489	11	7S	3.57
16 C 1205	Ast. 310-2	Astatic 310-2	6	2S	2.97
16 C 1118	Ast. 346	RCA 115058	....	7S	4.17
16 C 1244	Ast. 408	RCA 75575	8	1S	2.67
16 C 1206	Ast. 414-1	Astatic 414-1	7	1S	2.67
16 C 1307	Ast. 414-2	Astatic 414-2	7	2S	2.67
16 C 1006	Ast. 416-2	Astatic 416-2	7	2S	3.27
16 C 1210	Ast. 434	GE Show-Tell, Piezo	24	1S	2.67
16 C 1137	Ast. 601	Singer H2200 Portable	31	1S	2.97
16 C 1218	Ast. 609	Magnavox 560313; 3; 5	10	1S	2.97
16 C 1009	E-V 17	Webster Electric F-30	9	2S	2.37

DOUBLE-NEEDLE MONAURAL CARTRIDGES

16 C 1219	Ast. 40T	Astatic 40T	12	1S/3S	4.17
16 C 1241	Ast. 40TB	Astatic 40TB	13	1S/3S	5.07
16 C 1211	Ast. 64TS	VM	40	1S/3S	4.17
16 C 1223	Ast. 66TS	Astatic 66TS	14	1S/3S	4.35
16 C 1253	Ast. 66TY	Astatic 66TY	15	1S/3S	3.90
16 C 1013	Ast. 118	Astatic 118-TS	16	1S/3S	3.87
16 C 1014	Ast. 120	Astatic 120	16	1S/3S	3.87
16 C 1015	Ast. 124	Astatic 124TS	17	1S/3S	3.87
16 C 1120	Ast. 146	Ast. 146, BSR X1H(E)	18	1S/3S	3.87
16 C 1245	Ast. 192	Sears 57-8883-S	18	1S/3S	3.87
16 C 1200	Ast. 310T	Astatic 310T	19	1S/3S	3.27
16 C 1016	Ast. 310TS	Astatic 310TS	20	1S/3S	3.27
16 C 1301	Ast. 314TS	Astatic 314TS	21	1S/3S	3.27
16 C 1141	Ast. 410	RCA 77779	26	1S/3S	3.90

DOUBLE-NEEDLE MONAURAL CARTRIDGES (Cont'd)

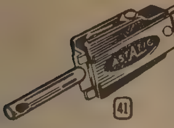
Stock No.	Mfr's Type	Exact Replacement For	Fig.	Needle(s)	EAC
16 C 1152	Ast. 420	BSR TC8H, Ronette TO284	32	1S/3S	3.2
16 C 1153	Ast. 422	BSR TC8M, Ron. DC284	32	1S	3.
16 C 1032	Ast. 470	Vaco TO-45X	41	1S/3S	3.
16 C 1220	Ast. 611	Astatic 611 Mastercraft	34	1S/3S	3.
16 C 1035	E-V 57	Webster Electric B200X	42	1S/3S	2.6
16 C 1027	E-V 80	Ronette TO-284	27	1S/3S	3.2
16 C 1026	E-V 87	Ronette TO-222	27	1S/3S	3.8
16 C 1139	E-V 88	Ronette DC 500/1	45	1S/3S	3.8
16 C 1019	E-V 119	BSR-TC8M	23	1S/3S	2.8
16 C 1018	E-V 120	BSR-TC8H	23	1S/3S	2.8
16 C 1022 S	E-V 190D	Magnavox	25	1D/3S	2.0
16 C 1221	E-V 268	BSR X1H	55	1S/3S	2.7
16 C 1213	E-V 269	BSR X1HE	55	1S/3S	2.7
16 C 1146	So. 2TA-S	Sonotone 2T-S	29	1S/3S	4.3
16 C 1147	So. 2TA-LB-S	Sonotone 2T-LB-5	28	1S/3S	4.5
16 C 1148	So. 3T-S	Sonotone 3T-S	30	1S/3S	5.7
16 C 1149	So. 3T-SD	Sonotone 3T-SD	30	1D/3S	7.7

DOUBLE-NEEDLE STEREOPHONIC CARTRIDGES

16 C 1355	Ast. 17	Astatic 17	18	.7D/3S	7.0
16 C 1356	Ast. 17D	Astatic 17D	18	.7D/3S	9.4
16 C 1315	Ast. 70TS	Astatic 70TS	46	.7S/3S	4.3
16 C 1314	Ast. 74TS	Astatic 74TS	46	.7S/3S	4.3
16 C 1313	Ast. 76TSB	Ronette 208/A1, 208-2	58	.7S/3S	4.7
16 C 1214	Ast. 80TS	Astatic 80TS	46	.7S/3S	4.5
16 C 1140	Ast. 86TSB	Ronette 105	58	.7S/3S	5.1
16 C 1077	Ast. 133	Motorola 59C61496A01	50	.7S/3S	5.8
16 C 1115	Ast. 133D	Motorola 59C61496A02	50	.7S/3S	8.2
16 C 1123	Ast. 140	G.E. EA1003	18	.7S/3S	4.5
16 C 1124	Ast. 142R	G.E. EA1006, 15358-2	18	.7S/3S	5.5
16 C 1125	Ast. 142RD	G.E. 1009, 15358-1	18	.7D/3S	7.3
16 C 1126	Ast. 142	G.E. RS6518	18	.7S/3S	4.3
16 C 1121	Ast. 153D	Adm. 409C62, -1-2-3-4	50	.7D/3S	7.5
16 C 1159	Ast. 157D	Philco 35-2865-1	50	.7D/3S	9.2
16 C 1160	Ast. 157RD	Philco 35-2865-2	38	.7D/3S	8.7
16 C 1162	Ast. 167D	Sears 33-413-0, 414-0		.7D/3S	7.5
16 C 1291	Ast. 275D	Sears 33-456-0	62	.7D/3S	8.7
16 C 1157	Ast. 349D	G.E. C-500	35	.7D/3S	10.4
16 C 1158	Ast. 351D	G.E. C-650	36	.7D/3S	10.4
16 C 1161	Ast. 353D	RCA 115276, 115276	39	.7D/3S	8.9
16 C 1215	Ast. 355D	RCA 115302, 115303	39	.7D/3S	9.3

See Page 422 for Replacement Stereo and Monaural Needle

by Astatic, Electro-Voice, and Sonotone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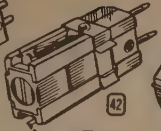
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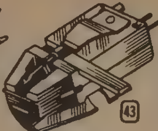
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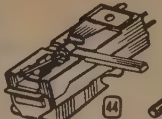
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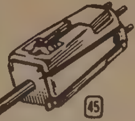
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ASTATIC
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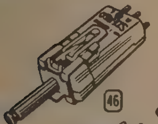
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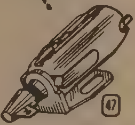
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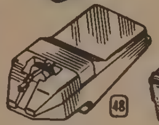
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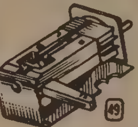
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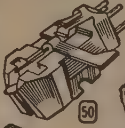
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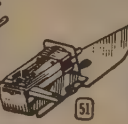
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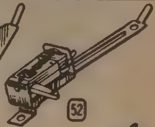
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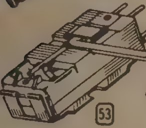
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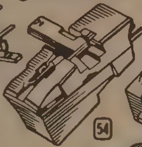
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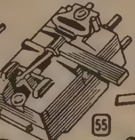
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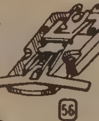
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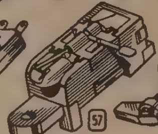
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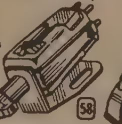
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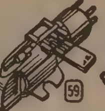
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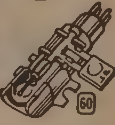
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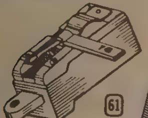
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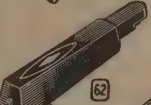
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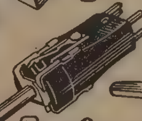
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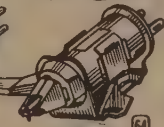
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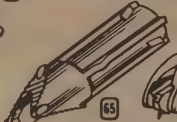
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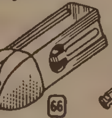
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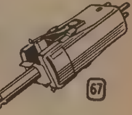
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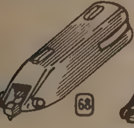
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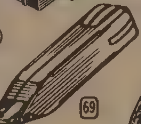
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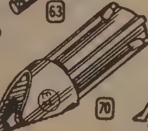
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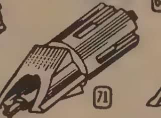
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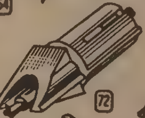
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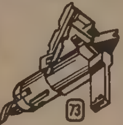
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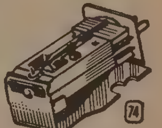
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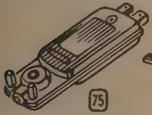
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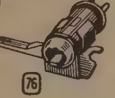
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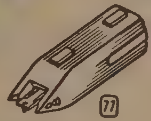
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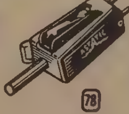
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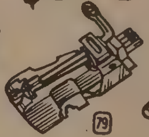
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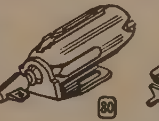
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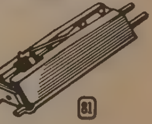
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DOUBLE-NEEDLE STEREOPHONIC CARTRIDGES (Cont'd)

Stock No.	Mfr's Type	Exact Replacement For	Fig.	Needle(s)	EACH
6 C 1133	Ast. 472	Vaco ST-2X, ST-20X	63	.7S/3S	4.50
6 C 1134	Ast. 474	Vaco ST-4X, ST-40X	63	.7S/3S	4.35
6 C 1068 S	Ast. 475D	RCA106960A; 110023A	56	.7D/3S	11.40
6 C 1069	Ast. 475	RCA108213,A; 110023,A	56	.7S/3S	6.00
6 C 1067	Ast. 477	RCA 106771, A, B	56	.7S/3S	6.00
6 C 1066 S	Ast. 477D	RCA 106771, A, B	56	.7D/3S	11.40
6 C 1071 S	Ast. 487D	RCA111348	..	.7D/3S	11.61
6 C 1246	Ast. 710	Euphonics E-1, U-1	..	.7S/3S	5.97
6 C 1154	Ast. 718	Euphonics U10	33	.7S/3S	6.57
6 C 1222	Ast. 718D	Euphonics U11	33	.7D/3S	9.57
6 C 1170	Ast. T1023	TelefunkenT20/D,T22/D	57	.7S/3S	7.50
6 C 1150	E-V 26	E-V 26	49	.7S/3S	6.90
6 C 1151	E-V 26D	E-V 26D	49	.7D/3S	9.90
6 C 1163	E-V 95	Ronette 105	58	.7S/3S	5.10
6 C 1164	E-V 96	Ronette 106	58	.7S/3S	4.77
6 C 1131	E-V 97	Ronette 105/1 OV-1, T1	45	.7S/3S	4.50
6 C 1132	E-V 98	Ronette 106-1, P-208-1	45	.7S/3S	4.35
6 C 1040	E-V 121	BSR TC-8, -S-3, -SH, -SM	80	.7S/3S	4.68
6 C 1048	E-V 126	Magnavox 560296-2	52	.7S/3S	6.90
6 C 1047	E-V 126D	Magnavox 560296-1	52	.7D/3S	9.90
6 C 1046	E-V 127	Magnavox 560281-4	51	.7S/3S	6.90
6 C 1045	E-V 127D	Magnavox 560281-3	51	.7D/3S	9.90
6 C 1052	E-V 131	Motorola 59C61640A01 59P60024A24	53	.7S/3S	5.37
6 C 1053	E-V 131D	Motorola 59C61640A02	53	.7D/3S	7.77
6 C 1043	E-V 137	Elac KST-102	48	.7S/3S	4.50
6 C 1395	E-V 141	Telefunken T20/2, T200/2	61	.7S/3S	7.77
6 C 1397 S	E-V 141D	Telefunken T20/D, T200/D	61	.7D/3S	11.37
6 C 1398	E-V 143D	Jensen 143-D, SSD5B	44	.7D/3S	7.35
6 C 1088	E V 148	V-M 29286 C	53	.7S/3S	5.37
6 C 1089	E-V 148D	V-M 29286-C	53	.7D/3S	7.77
6 C 1036	E-V 149	Admiral 409C51-1	43	.7S/3S	5.40
6 C 1037	E V 149D	Admiral 409C59 3	43	7D/3S	7.20
6 C 1072	E V 150	Allied 466, BSRC-1	43	7S/3S	4.80
6 C 1051	E V 150D	Magnavox 860315-1	43	7D/3S	6.60
6 C 1144	E V 158	Jensen 158, R2C49B	43	7S/3S	5.40
6 C 1050	E-V 158D	Magnavox 560310-1	43	.7D/3S	7.50
6 C 1004	E-V 167	Jensen 167	67	1S/3S	4.35
6 C 1058	E V 250	Perpetuum Ebner PE-188	54	.7S/3S	8.40
6 C 1202	E-V 271	BSR SX1M	55	.7S/3S	3.60
6 C 1203	E-V 272	BSRSX1H	55	.7S/3S	3.60
6 C 1165	So. 8TA4-S	Sonotone 8TA4-S	79	.7S/3S	6.47
6 C 1166	So.8TA4-SD	Sonotone 8TA4-SD	79	.7D/3S	8.51

DOUBLE-NEEDLE STEREOPHONIC CARTRIDGES (Cont'd)

Stock No.	Mfr's Type	Exact Replacement For	Fig.	Needle(s)	EACH
16 C 1167	So. 9TAF-S	Sonotone 9TAF-S	59	.7S/3S	6.54
16 C 1189	So.9TAF-SD	Sonotone 9TAF-SD	59	.7D/3S	8.57
16 C 1191	So. 16TAF-SD	Sonotone16T,19T,916T	60	.7D/3S	6.84
16 C 1292	....	Allied 480, Telrad I-G2S-B	..	.7S/3S	3.46

PLUG-IN MONAURAL CARTRIDGES

Stock No.	Mfr's Type	Exact Replacement For	Fig.	Needle(s)	EACH
16 C 1192	Ast. 81T	Astatic 81T	77	1S/3S	2.37
16 C 1193	Ast. 81TX	Astatic 81 TX	77	1D/3S	4.17
16 C 1194	Ast. 81TBX	Astatic 81TBX	64	1D/3S	4.77
16 C 1096	Ast. 89T	Astatic 89T	77	1S/3S	2.97
16 C 1097	Ast. 89TX	Astatic 89TX	77	1D/3S	4.77
16 C 1195	Ast. 89-1	Ast. 89-1, RCA 108555	77	1S	2.55
16 C 1204	Ast. 95	Zenith 142-87	70	1S/3S	2.37
16 C 1207	Ast. 101	Zenith 142-76,-77	70	1S/3S	4.50
16 C 1099	E-V 56	EV 56, Mot. 59B634530	65	1S/3S	2.37
16 C 1101	E-V 56D	E-V, 56D, 56DS	65	1D/3S	4.17
16 C 1104	E-V 76	Webcor A1919	66	1S/3S	2.37
16 C 1105	E-V 76D	Webcor A1920	66	1D/3S	4.17
16 C 1208	E-V 83	Astatic 83-1, Jensen 42	68	1S	2.10

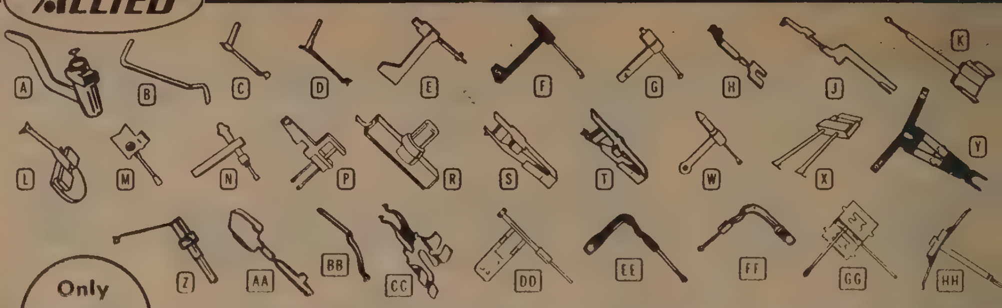
PLUG-IN STEREOPHONIC CARTRIDGES

Stock No.	Mfr's Type	Exact Replacement For	Fig.	Needle(s)	EACH
16 C 1259	Ast. 13TX	Astatic 13TX	69	.7D/3S	5.37
16 C 1258	Ast. 13TBX	Astatic 13TBX	64	.7D/3S	5.97
16 C 1257	Ast. 13T	Astatic 13T	69	.7S/3S	3.57
16 C 1256	Ast. 13TB	Astatic 13TB	64	.7S/3S	4.17
16 C 1459	E-V 66D	E-V 66D, 66DS	70	.7D/3S	5.97
16 C 1462	E-V 106	E-V 106	71	.7S/3S	4.17
16 C 1463	E-V 106D	E-V 106, 106DS	71	.7D/3S	5.97
16 C 1466	E-V 108	E-V 108	72	.7S/3S	4.17
16 C 1467	E-V 108D	E-V 108D, 108DS	72	7D/3S	5.97
16 C 1197	So. 10T2-S	Sonotone N10T2-S	73	.7S/3S	5.14
16 C 1198	So. 10T2-SD	Sonotone N10T2-SD	73	.7D/3S	7.17

SINGLE-NEEDLE STEREOPHONIC CARTRIDGES

16 C 1403	E-V 21	E-V 21	74	.7S	6.30
16 C 1413	E-V 21D	E-V 21D	74	.7S	9.00
16 C 1209	E-V 191	E-V 191	81	.7S	2.67
16 C 1247	Ast. 348	RCA 11059	.	.7S	4.77

ALLIED DIAMOND PHONOGRAPH NEEDLES



Only
$1.69
Each

- Top-Quality Diamond Needles
- Made by Famous Manufacturer
- Precision-Crafted for Allied
- High-Quality Reproduction
- Minimum Record Wear

Protect your records with a top quality diamond replacement needle. Precisio crafted from whole diamonds by a famous manufacturer to Allied's exactin specifications. Offer minimum wear of record—and needle, and give superio sound reproduction. In tables, Type-No. suffixes indicate: XD, single diamond stere tip; XSD, synthetic sapphire (for 78 rpm) and stereo diamond tips; LPD, long-pla diamond, monaural; SD, synthetic sapphire (for 78 rpm) and diamond, both monaura D, diamond, monaural. Shpg. wt., 2 oz.

FOR ASTATIC CARTRIDGES

Stock No.	Type	Fig.	For Cartridge No.	EACH
16 C 1644	A-685D	A	57-T Series	1.69
16 C 1658	A-74LPD	B	51, 53, 59, 402	1.69
16 C 1645	A-75LPD	C	ACD Series; 40, 41	1.69
16 C 1657	A-67LPD	D	64, 66, 68, 94, 405, 406	1.69
16 C 1282	A-94XSD	E	133, 137, 233, 237, 459, 483, 485, 497	1.69
16 C 1171	A-98XSD	E	153, 157, 461, 481	1.69
16 C 1172	A-100XSD	E	140, 142, 146	1.69
16 C 1275	A-102XSD	E	138D	1.69
16 C 1276	A-104XSD	E	148D	1.69
16 C 1742	A-90XSD	F	17; 17D	1.69
16 C 1501	A-94XSD	G	133; 133D	1.69
16 C 1277	A-106XSD	G	181D	1.69
16 C 1669	CRA-55XD	H	70 Series; 80 Series	1.69
16 G 1281	CRA-552D	H	118, 120, 124, 310, 312, 414, 416, 420, 422, 424, 426	1.69

FOR BSR CARTRIDGES

16 C 1278	B1XSD	G	C-1	1.69
16 C 1669	CRA-55XD	H	TC-8S, H Series	1.69

FOR CBS CARTRIDGES

16 C 1671	CS-1XD	J	SC-1, 2, 7, 8	1.69

FOR ELECTRO-VOICE CARTRIDGES

16 C 1667	E-98XD	K	21, 26	1.69
16 C 1510	E-10XSD	G	117, 131, 148	1.69
16 C 1514	E-15XSD	G	132; 132D	1.69
16 C 1518	E-16XSD	G	149; 149D	1.69
16 C 1279	E-19XSD	G	169D; 186D	1.69
16 C 1284	E-21XSD	G	198, 199; 282	1.69

FOR EUPHONIC CARTRIDGES

16 C 1614	J-47XD	L	E Series	1.69
16 C 1752	J-57XD	M	U-1 Series; U-2 Series	1.69
16 C 1039	EU-3XSD	P	U-12, U-13 (R)	1.69
16 C 1173	EU-2XSD	P	U-10, U-11, R	1.69

FOR G.E. CARTRIDGES

16 C 1642	G-19XD	R	VR-227	1.69
16 C 1643	G-20XD	R	VR-225	1.69
16 C 1523	G-1D	S	RPX Series	1.69
16 C 1054	G-1XD	S	RPX Series (for playing stereo records on mono equip).	1.69
16 C 1060	G-4XD	T	4G Series VRII (for playing stereo records on mono equip).	1.69
16 C 1601	G-4D	T	4G Series; VR II	1.69
16 C 1502	G-21XSD	W	C-100, RS3824, ER97X, 250	1.69
16 C 1283	G-22XSD	W	C-100A, C-200, C-400	1.69
16 C 1286	G-24XSD	G	C500; C600	1.69

FOR RCA CARTRIDGES

16 C 1622	M-77XSD	X	106770A, 106771A	1.69
16 C 1653	M-74LPD	Z	75475, 77779, 75575	1.69
16 C 1753	M-80XSD	Y	110020, 110021	1.69
16 C 1287	M-84XSD	G	115276;115303; 115303	1.69

FOR RONETTE CARTRIDGES

16 C 1649	CRA-55LPD	H	All Ronette Monaural; Astatic; BSR	1.69
16 C 1288	CRA-57LPD	AA	Mono PC-422, SCW-395, DC-500 Series	1.69
16 C 1665	CRA-57XD	AA	P-105, 106; BF-40, Ronette Stereo; Admiral Ensign	1.69
16 C 1437	CRA-572D	AA	SCW-395-2	1.69

Replacement cartridges listed on pages 420-421.

FOR SHURE CARTRIDGES

Stock No.	Type	Fig.	For Cartridge No.	EACH
16 C 1650	JPS-30LPD	BB	P-30, 72, 76, 77, 79; PC Series	1.69
16 C 1436	JPS-35SD	CC	P-7, 8, 9; W9; WC10	1.69
16 C 1651	JPS-36SD	CC	PC-2, 3, 4, 5; P-7, 8, 9; Wt-9, 10	1.69

FOR SONOTONE CARTRIDGES

16 C 1746	S-80XSD	DD	18T Series	1.6
16 C 1747	S-82XSD	DD	9T; 916T; 16T; Adm. Ensign	1.6
16 C 1620	S-71XSD	EE	8T; A Series	1.6
16 C 1289	S-72XSD	EE	8TA Series	1.6
16 C 1655	S-61SD	FF	3T Series	1.6
16 C 1656	S-66SD	FF	2T, 5T, and 7T Series	1.6
16 C 1078	S-66XSD	FF	2T, 5T, 7T Stereo Series	1.6
16 C 1111	S-61XSD	FF	3T Series (for playing stereo records on mono equip).	1.6
16 C 1290	S-68SD	FF	2T Series	1.6

FOR TETRAD CARTRIDGES

16 C 1112	T-1XSD	N	611DP-2, 4; 111, 611SP-1, 211D-V4, 211D-M1	1.6
16 C 1136	T-2XSD	N	121, 621S-V1, 621D-V2, 2-21D-V6, 1-21D-M2, 4	1.6

FOR TELEFUNKEN CARTRIDGES

16 C 1750	TE-19XSD	GG	T-20; T-20DS	1.6

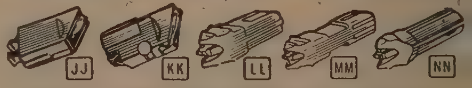
FOR VACO CARTRIDGES

16 C 1669	CRA-55XD	H	ST-20; ST-40; ST-200	1.6

FOR ZENITH CARTRIDGES

16 C 1174	Z1XSD	HH	142-126, 7, 8; 142-136, 7 142-140, 41	1.6

NEEDLE-CARTRIDGE COMBINATIONS



ZENITH "COBRA ARM" PLUG-IN NEEDLE-CARTRIDGES

Stock No.	Type No.	Zen. Type	Fig.	Stylus	EAC
16 C 1631	S-15780	Z-62	JJ	Syn. Sapphire	1.88
16 C 1635	142-76, 142-77	Z-59	KK	Syn. Sapphire	3.98
16 C 1697	142-76, 142-77	Z-59SD	KK	Diamond	8.95

DIAMOND PLUG-IN NEEDLE-CARTRIDGES

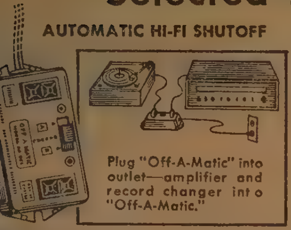
Stock No.	Type No.	Fig.	For Cartridge	EACH
16 C 1606	A-41SD	MM	Astatic 81TX	4.49
16 C 1610	A-43SD	MM	Astatic 89TX	4.49
16 C 1689	A-44XSD	MM	Astatic 13TX Stereo	4.95
16 C 1625	E-36SD	NN	E.V. 56DS	4.49
16 C 1627	E-37SD	LL	E.V. 76DS	4.49
16 C 1690	E-46XSD	NN	E.V. 66DS Stereo	4.95

SYNTHETIC-SAPPHIRE PLUG-IN NEEDLE-CARTRIDGES

16 C 1623	A-41	MM	Astatic 81T	1.88
16 C 1609	A-43	MM	Astatic 89T	1.88
16 C 1615	A-13	MM	Astatic 13T Stereo	3.49
16 C 1624	E-36	NN	E.V. 56	1.88

Selected Hi-Fi and Phono Accessories

AUTOMATIC HI-FI SHUTOFF



Plug "Off-A-Matic" into outlet—amplifier and record changer into "Off-A-Matic."

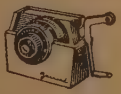
95

- Shuts Off After Last Record
- Manual or Automatic Operation
- For Most Record Changers

npact "Off-A-Matic" unit shuts off en- hi-fi system automatically at end of last ord. Simply plug "Off-A-Matic" into l outlet and amplifier (or receiver) and ord changer into "Off-A-Matic." Works h all record changers having automatic t-off. Switch permits manual operation he automatic-shutoff feature is not de- d. Steel case, 2⅛x4¾x1⅞". 6′ AC cord. g. wt., 2 lbs.

C 9234........................4.95

ARRARD NEEDLE RESSURE GAUGE



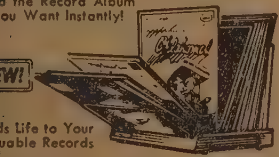
$2.95

tect your valuable record collection with low-cost gauge. Accurately provides a ck of needle pressure on record grooves. vents damage to needle and records sed by excessive tracking pressure. Lets calibrate the exact tracking force for sound reproduction. Has a durable ng-type mechanism, tightly sealed for ed protection. Shpg. wt., 5 oz.

C 2035........................2.95

RECORD-MATIC RECORD RACK

d the Record Album
ou Want Instantly!

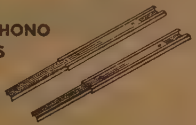


ds Life to Your
uable Records

you tired of hunting for the record um you want? Record-Matic record rack s the browsing for you—it starts and ps with the touch of a finger, runs fast slow for your convenience. Each album exposed to view and is easy to find— es all the work out of album storage. u stop operation manually for instant ord selection. Protects your valuable ord collection and record jackets, too. automatic, yet has no springs, magnets motor. 12½x12½x12½". 4 lbs.

C 2019 X........................7.95

ASY-PULL" PHONO AWER SLIDES



ow As $1.90

avy steel ball-bearing slides for custom- unting record changer in high-fidelity inet. Accommodates any record changer e. Offers quiet, effortless rolling action. long, 11-inch travel. Shpg. wt., 3 lbs.

C 2046........................1.90

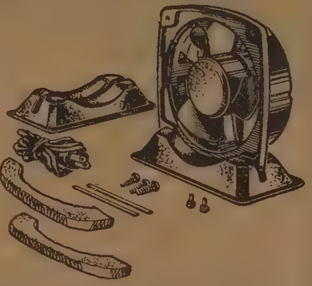
C 2047. 13-inches Long. 9-inch travel. g. wt., 3 lbs........................1.90

C 2044. Heavy-Duty 18-inch Full Extension es. Have extra-long 18-inch travel. g. wt., 4 lbs........................3.50

PROTECT EQUIPMENT WITH A DELWYN "WHISPER FAN" by ROTRON

$14.85

- Delivers 60 cfm of Air
- Super Quiet Whisper Fan
- Only 4¹¹⁄₁₆" Square, 1½" D.
- Reversible Airflow



Prevent Operating Failure in Expensive Equipment by Eliminating Excess Heat

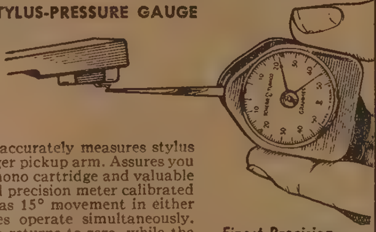
Prevent operating failure in expensive high-fidelity components, television sets, tape recorders and other electronic equipment. Extremely quiet Whisper Fan delivers 60 cfm of cooling air with no audible noise level. Protects your equipment against deterioration by heat—makes it last longer and perform better. Its compact design allows installation almost anywhere. Only 4¹¹⁄₁₆" square by 1½" deep. Can be mounted in round or square opening. Airflow is reversible. Consumes only 7 watts of power. With cord, plug. For 110-120 V, 60 Hz AC. Shpg. wt., 1½ lbs.

16 C 2031........................14.85

SHERR-TUMICO PRECISION STYLUS-PRESSURE GAUGE

$19.95 $5 monthly

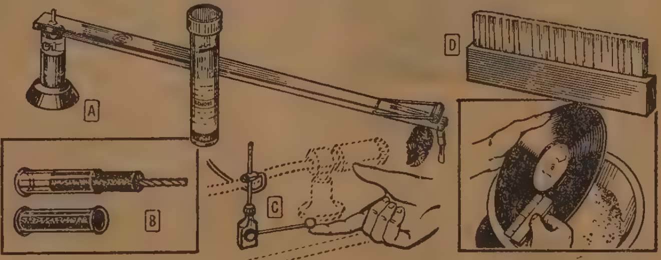
- Super-Accurate Measurement
- Easy-to-Read Precision Dial
- Durable Construction



Finest Precision Stylus Pressure Measuring Device Ever Offered

New precision dynamometer gauge accurately measures stylus pressure of turntable or record changer pickup arm. Assures you maximum protection of expensive phono cartridge and valuable record collection. Large, easy-to-read precision meter calibrated in grams. 1¾-inch actuating arm has 15° movement in either up or down direction. Two needles operate simultaneously. When pressure is released one needle returns to zero, while the other remains at maximum reading. After reading is taken, manual reset knob returns needle to zero. Size, ¹³⁄₁₆x1¹¹⁄₁₆x3⅞" overall, including actuating arm. Shpg. wt., 12 oz.

16 C 2040. *$5 Monthly*........................19.95



A AUTOMATIC "DUST BUG." Specially designed for manual turntables. Preserves valuable records by keeping them free from abrasive dust. Consists of plastic arm with fine nylon brush and dust-collector pad that mounts on end of pickup arm. Includes pad and cleaning fluid. Mounts easily. Installs in just a few seconds. Shpg. wt., 8 oz.

16 C 2022........................5.75

B "PARASTATIC PREENER" DUST REMOVER. Get your records really clean. Simply rub wetted center wick of brush over rotating record. Special chemical process cleans them like new for a factory-fresh look. Safe to use, leaves no damaging film. Extends record life. Shpg. wt., 6 oz.

16 C 2261........................3.50

C ORTOFON "HI-JACK" CUING DEVICE. Specially designed for manual turntables. Permits you to raise and lower turntable arm without touching it, and "float" it to the record at precisely the right spot. It's a "must" for those who want maximum protection for high-quality diamond needles and valuable, irreplaceable records.

16 C 2246. Shpg. wt., 12 oz........................9.80

D RECORD WASH BRUSH. Recommended by experts, the record wash brush restores brilliant "highs," rejuvenates old records and removes audible background noise by deep cleaning. Each bristle is micro-ground to an elliptical shape to reach deep into record grooves. With instructions.

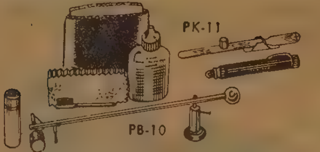
16 C 2020. Shpg. wt., 2 oz........................2.65

ACOUSTIC INSULATION FOR SPEAKER ENCLOSURES

Excellent sound absorbing material prevents reverberation and distortion caused by standing waves created inside speaker enclosure. Improves performance of virtually any enclosure. Also numerous other uses—insulating pipes, insulating automobile from engine and road noises, etc. Cuts into any shape, presses into place with glue. Permanent and fireproof. ½x12x72".

16 C 2262 X. Foam Rubber. Shpg. wt., 1½ lbs........................1.98
16 C 2042 X. Fiberglas. Shpg. wt., 1½ lbs........................1.32

ROBINS Record and Phono Care Accessories

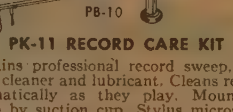


PK-11 RECORD CARE KIT

Contains professional record sweep, anti-static cleaner and lubricant. Cleans records automatically as they play. Mounts to phono by suction cup. Stylus microscope, pressure gauge, record cleaning kit.
16 C 2203. Shpg. wt., 1¼ lbs..........6.99

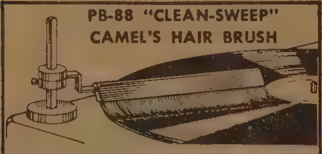
PB-10 RECORD SWEEP

Sweeps dust and other particles from sound grooves. With anti-static cleaner, lubricants. Improves sound fidelity.
16 C 2204. Shpg. wt., 3 oz............2.98



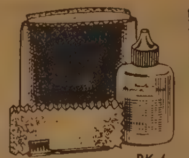
PC-6 END RECORD

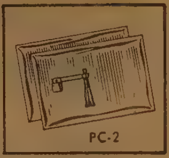
Protects records from dust and dirt, lets you know when last record has been played. Features pre-recorded sign-off on one side—tells you when last record is played; turns changer mechanism off automatically. Can be used without sign-off on reverse side. Covers records when they are stacked on changer. Automatically drops after last record has been played. Shpg. wt., 9 oz.
16 C 2206..........................1.98



PB-88 "CLEAN-SWEEP" CAMEL'S HAIR BRUSH

Large camel's hair brush helps keep your records top shape. Gently cleans entire surface of up to 12" records with each revolution. Connects easily, mounts to phono with adhesive base pad, needs no screws that will harm phono base. Prevents harmful dust from creating serious sound flaws in modern micro-groove records. Also assures longer stylus life, even with diamond styli. Keeps records sounding great over long periods of time. For use with manual record changers only. Wt., 3 oz.
16 C 2285 ....4.29



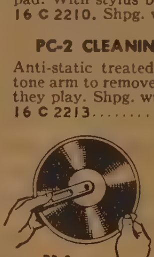


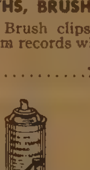
PK-6 "ROB-O-STAT" KIT

Super-soft foam applicator mitt; 1½-oz. anti-static cleaner and lubricant, poly-foam pad. With stylus brush.
16 C 2210. Shpg. wt., 8 oz...............1.39

PC-2 CLEANING CLOTHS, BRUSH

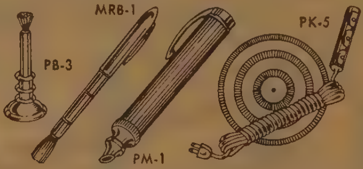
Anti-static treated cloths. Brush clips to tone arm to remove dust from records while they play. Shpg. wt., 4 oz.
16 C 2213..............................75¢





PB-9 DISK-WHISK RECORD CLEANER. Cleans, lubricates both sides of record in one operation. For 45 rpm and LP records. Anti-static silicone coating. With handling disc.
16 C 2207. Shpg. wt., 5 oz.............99¢

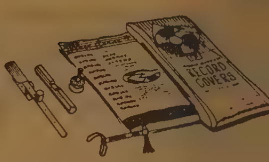
PX-8 ANTI-STATIC RECORD CLEAN SPRAY. Silicone lubricant and cleaner prevents dust accumulation. Silicone coating.
16 C 2208. Shpg. wt., 11 oz............1.09



PB-3 ADJUSTABLE STYLUS BRUSH. For use with all phonos. Spring secured adjusts from ¾" to 2¼" height. Removes dust from stylus during cycling. Self-stick base.
16 C 2002. Shpg. wt., 3 oz..............79¢

MRB-1 ALL-PURPOSE BRUSH. Removes dust and dirt from equipment, stylus and records. Telescoping soft camel's hair brush in gold finish case. Pocket clip.
16 C 2222. Shpg. wt., 3 oz.............99¢

PM-1 STYLUS MICROSCOPE. Pocket size, precision lenses. Knurled focusing adj., slot for needle inspection. 3¼x½" dia.
16 C 2286. Shpg. wt., 4 oz.............1.89

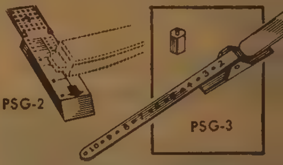


PK-3A RECORD CARE KIT

Deluxe record care kit helps you get t
fidelity from your records, and increa
record life. Contains, PSG-3 stylus pr
sure gauge; adjustable stylus brush; rec
brush to clip on tone arm; turntable lev
anti-static record cleaning cloth; 18 p
tective round-bottom record covers. Pr
sure gauge and balance weight track low
½ gram for improved sound, long life.
16 C 2205. Shpg. wt., 1 lb...........4.

PC-12 FOAM PHONO CUSHION. Cushic
record drop and reduces slippage. Incluc
strobe disk. 11¾" diameter.
16 C 2220. Shpg. wt., 3 oz...............7
16 C 2221. PC-10. Above, 9¾" dia........6

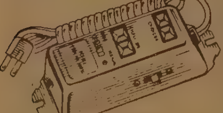
PL-2 ROUND TURNTABLE LEVEL. For accura
leveling of phono turntables. Self-sti
Mounts to phono deck.
16 C 2255. Shpg. wt., 3 oz..............1.

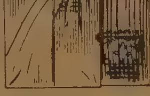


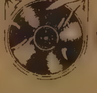
PK-5 STROBE AND LIGHT KIT. Checks pho
for speed accuracy at 33⅓, 45 and 78 rp
Includes neon lamp and strobe disc.
structions. For 110 V, 60 Hz AC.
16 C 2014. Shpg. wt., 6 oz...............1

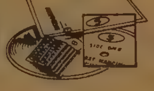
PSG-2 STYLUS PRESSURE GAUGE. Calibra
balanced gauge measures stylus press
from ½ gram. Assures proper tracki
prevents stylus and record wear.
16 C 2258. Shpg. wt., 4 oz...............7

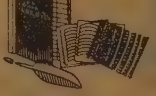
PSG-3 STYLUS PRESSURE GAUGE. Calibra
and balanced. Measures pressure to
gram. Includes counterweight.
16 C 2223. Shpg. wt., 3 oz...............9

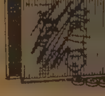












PS-3 HI-FI SYSTEM SHUTOFF

- Shuts Off Entire Hi-Fi System
- Switch Permits Manual Operation

New solid-state hi-fi stereo system shutoff for all models of domestic and foreign equipment. Prevents "burning up" equipment by automatically shutting off complete system after last record is played. Switch permits manual operation if desired. Has two outlets for amplifier and phono; 6-ft. AC line cord plugs into 110 VAC. Rated 3 amps, 350 watts. Durable metal housing, 6½x2¼x1¾".
16 C 2224. Shpg. wt., 2 lbs............6.99

PJ-25 ALBUM COVERS. 12 heavyweight plastic window-clear 12" album covers. Special thumb notch permits easy insertion and removal of records. Shpg. wt., 6 oz.
16 C 2225...............Pkg. of 12 for 99¢

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16 C 2226...............Pkg. of 18 for 75¢

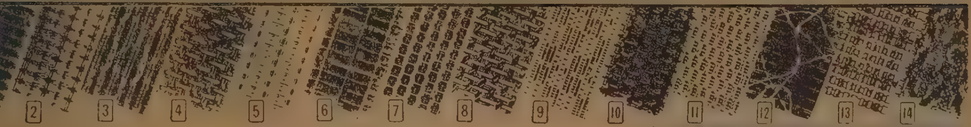
PL-80 IDENTIFICATION LABELS. Self-stick, color coded labels titled "Property of," 18 each of five colors. Wt., 3 oz.
16 C 2228...............Pkg. of 80 for 79¢

PL-5 ALBUM AND RECORD INDEX SPOTS. 2
self-stick color-coded spots, numbered 1-
Five colors. Use one set for records, one
matching albums. 2 oz.
16 C 2229 ....Pkg. of 240 for 6

PK-20 COLOR-CODE LOG KIT. Contains 1
page indexed log book; 80 color-cod
identifications labels; 240 spots number
1-24. 5 colors. Pen. 14 oz.
16 C 2230..............................2.

PT-5 COLOR-CODED ALBUM REINFORCEME
Repair, code albums. 5 rolls, 5 yards ea
in 5 colors. Enough for 25 albums.
16 C 2231. Shpg. wt., 6 oz............9

Grille Cloth, Switches, Controls, Cables



BUDGET-PRICED GRILLE CLOTH

Description	Pattern No.	Fig.	Stock No. In Lengths Over 1 Yd.	Stock No. 36x36"	PER YARD
ogany with Ivory Threads	211	1	16 C 2103 X	16 C 2104 X	2.39
ut with Bronze Threads	811	2	16 C 2115 X	16 C 2116 X	2.39
ut, White and Gold	1908	3	16 C 2272 X	16 C 2273 X	2.39
ut Cane with Bronze Threads	24R12	4	16 C 2236 X	16 C 2237 X	2.39
d White/Black-Honeycomb Weave	625	5	16 C 2125 X	16 C 2126 X	2.39

MODERATELY PRICED GRILLE CLOTH

Description	Pattern No.	Fig.	Stock No. In Lengths Over 1 Yd.	Stock No. 36x36"	PER YARD
Walnut with Gold Metal Box	711M	6	16 C 2325 X	16 C 2326 X	3.29
e with Random Gold Thread	6423	7	16 C 2321 X	16 C 2322 X	3.29
ral & Walnut Cane w Gold Metal	2422	8	16 C 2313 X	16 C 2314 X	3.29
& Walnut w/Gold Metal	3705A	9	16 C 2238 X	16 C 2239 X	3.29
Black Ribbon Honeycomb	4542	10	16 C 2240 X	16 C 2241 X	3.29
Grey w/Random Silver Metal	B5081	11	16 C 2127 X	16 C 2128 X	3.29

DELUXE DECORATOR GRILLE CLOTH

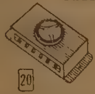
Description	Pattern No.	Fig.	Stock No. In Lengths Over 1 Yd.	Stock No. 36x36"	PER YARD
with Gold Cobweb	453	12	16 C 2148 X	16 C 2149 X	3.95
Mahogany with Gold Cobweb	300	13	16 C 2152 X	16 C 2153 X	3.95
, White and Tan w/Gold Metal	7104	13	16 C 2154 X	16 C 2155 X	3.95
ut Tapestry Weave w/Gold Metal	3743	14	16 C 2315 X	16 C 2316 X	3.95
ut with Random Stripe	3785A	15	16 C 2317 X	16 C 2318 X	3.95
ut-Interwoven Wood Effect	WW-1	16	16 C 2244 X	16 C 2245 X	3.95
Beige Interwoven w/Gold Metal	D2425	17	16 C 2129 X	16 C 2130 X	3.95
er Walnut/Rust on Black Base	D6000	18	16 C 2133 X	16 C 2135 X	3.95

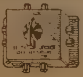
POPULAR ACOUSTONE SPEAKER GRILLE CLOTH

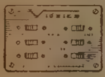
- Laboratory Tested and Approved
- Durable Open-Weave Saran Plastic
- Will not Sag, Shrink, or Fade

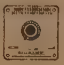
Wide selection of beautifully-woven speaker grille cloth designed to keep dust and other foreign matter out of speakers and allow acoustically transparent passage of sound waves. Laboratory tested and approved. Won't sag, shrink or fade. Highly attractive, color-fast patterns. You'll find a decorative pattern to match virtually any decor. Made of extremely durable Saran plastic with a special open-weave design that allows completely unrestricted passage of all audio frequencies. Special construction and weaving techniques prevent sagging and shrinking. Available in pieces, 36x36", or lengths over 36". Specify. Wt. per yard, 15 oz.

SELECTED AUDIO SWITCHES AND CONTROLS









ous-name audio switches and con-. Quality-built to exacting stand- for consistently fine performance long life. All have solder terminals pt *screw terminals. †phono jacks.

In mtg. column of table below, W indicates wall plate mounting; SM, surface mounting; PM, panel mounting. Fig. 19 is rated 10 watts; Fig. 23, 5 watts. Av. shpg. wt., 10 oz.

tock No.	Fig.	Mfr. and Type No.	Mtg.	Description	EACH
C 2158	19	Audiotex 30-364*	W	Mono 8-Ω L-pad spkr. control	3.27
C 2160	19	Audiotex 30-372*	W	Stereo 8-Ω L-pad spkr. control	5.61
C 2161	19	Audiotex 30-374*	W	Stereo 16-Ω L-pad spkr. control	5.61
C 2169	19	Audiotex 30-388*	W	Stereo 3-speaker selector switch	3.27
C 2170	20	Audiotex 30-360*	SM	Mono 3-speaker selector switch	3.63
C 2186		Switchcraft 670*	SM	Stereo 2-speaker selector switch	4.17
C 2194	21	Switchcraft 668†	SM	1 of 3 stereo sources to 1 input	4.17
C 2197	22	Vidaire MS-12	PM	Stereo selects any of 6 spkr. sets	2.64
C 2202	23	Vidaire RF-10	PM	Distributes volume between two speakers	1.15

SOLAR ACOUSTIC GRILLE CLOTH

Fine-woven speaker grille cloth for all types of enclosures. Specially designed for long life—won't sag or fade. Neutral color provides a handsome blend with any decor. Acoustically transparent—permits free passage of all audio frequencies. 48" wide, except Pandanus, 27" wide. Av. wt., per yd., 8 oz.

24 Pandanus imported straw.
16 C 2093 X. 36" Long 2.91
16 C 2094 X. Specify Length. . . . . . Per Yard 2.91

25 W-4162. Nubby-coarse non-directional weave.
16 C 2109 X. 36" long 4.49
16 C 2110 X. Specify Length. . . . . . Per Yard 4.49

26 HC-582A. Thick-and-thin hand-woven linen.
16 C 2111 X. 36" Long 3.29
16 C 2112 X. Specify Length. . . . . . Per Yard 3.29

QUALITY MOLDED HIGH-FIDELITY AUDIO CABLES

WO-CONDUCTOR STRAIGHT PHONE PLUG TO VARIOUS CONNECTORS

Stock No.	Mfr's Type	Conn't's Fig.	Conn't's Fig.	L.	EA.
6 C 2059	4C-3076	B	A	6'	1.19
6 C 2063	4C-3064	B	A	10'	1.59
6 C 2060	4C-3075	B	B	6'	1.69
6 C 2061	4C-3074	B	B	10'	1.99
6 C 2050	4C-3062	B	F	6'	1.69
6 C 2072	4C-3061	B	F	10'	1.99
6 C 2055	4C-3063	B	G	6'	.99
6 C 2051	4C-3060	B	H	6'	1.19

STRAIGHT TINI-PLUG TO VARIOUS CONNECTORS

Stock No.	Mfr's Type	Conn't's Fig.	Conn't's Fig.	L.	EA.
6 C 2065	4C-3066	D	A	6'	1.44
6 C 2053	4C-3058	D	B	6'	1.59
6 C 2054	4C-3057	D	G	6'	1.19

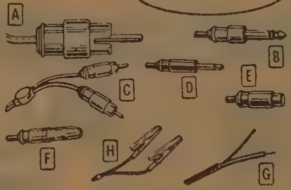
STRAIGHT PHONO PLUG TO VARIOUS CONNECTORS

Stock No.	Mfr's Type	Conn't's Fig.	Conn't's Fig.	L.	EA.
16 C 2058	4C-3056	A	A	18"	.59
16 C 2057	4C-3054	A	A	36"	.69
16 C 2056	4C-3055	A	A	6'	.89
16 C 2062	4C-3073	A	A	10'	1.19
16 C 2070	4C-3071	A	E	36"	.89
16 C 2068	4C-3069	A	E	6'	.99
16 C 2064	4C-3065	A	E	10'	1.19
16 C 2067	4C-3068	A	G	36"	.59
16 C 2066	4C-3067	A	G	6'	.69
16 C 2052	4C-3059	A	H	6'	.99

SPECIAL STEREO CABLES

Two shielded cables inside a common jacket. Phono plugs color coded. 5 oz.

Stock No.	Mfr's Type	Conn't's Fig.	Conn't's Fig.	L.	EA.
16 C 2069	4C-3070	C	C	36"	1.79
16 C 2071	4C-3072	C	C	6'	1.99



Quality molded hi-fi cable assemblies. Built-in cable clamps eliminate strain on cable. Functionally designed handles provide easy grip. Cables are chrome-grey with matching plastic handles. A—phono plug; B—phone plug; C—phono plugs; D—tini-plug; E—phono jack; F—phone jack; G—stripped and tinned; H—alligator clips. Av. wt., 5 oz.

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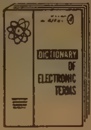

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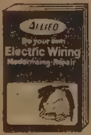
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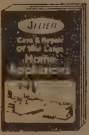

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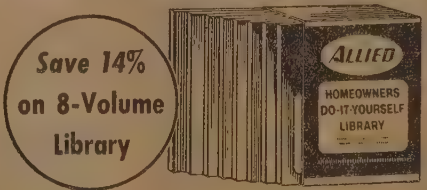
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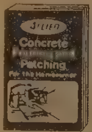
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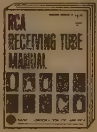

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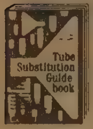

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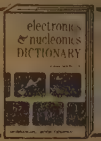

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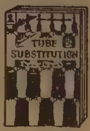

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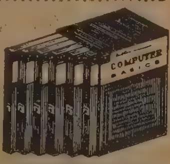

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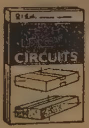

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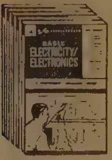

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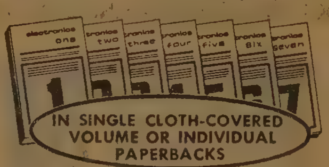

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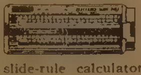

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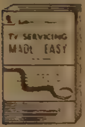

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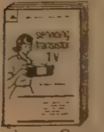

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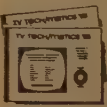

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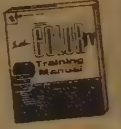

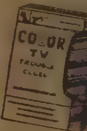

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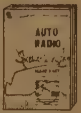

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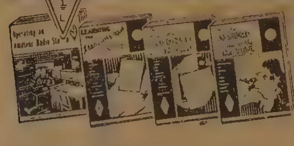

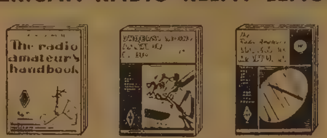

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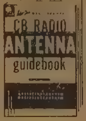

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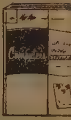

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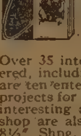

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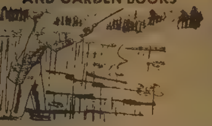

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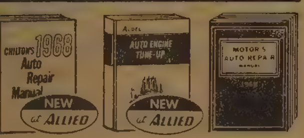

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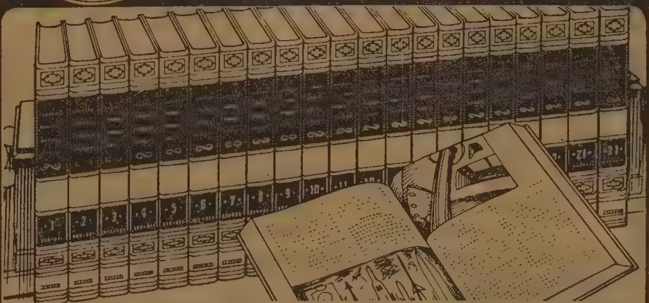

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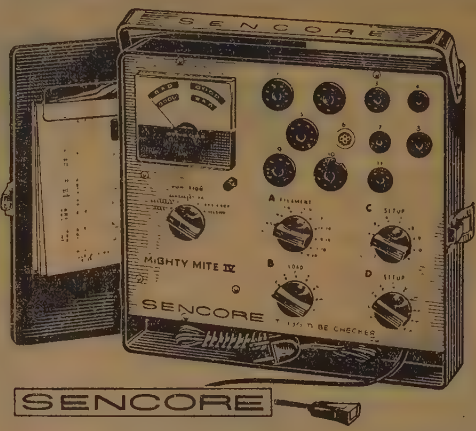

SENCORE

TC136 "MIGHTY MITE IV" DELUXE TUBE TESTER

$74.50

A great value in a tube tester that thoroughly checks over 2800 tube types. Handles octals, loctals; 7- and 9-pin miniatures; even latest 10-pin types used in color TV. Tests nuvistors and frame grid tubes at low-voltage potentials to prevent tube damage. Checks individual tube elements for inter-element shorts. VTVM circuit and moving coil meter check for gas and grid contamination. Burnout-proof taut-band meter. Simplified panel layout and speedy setup books for easy operation. All-steel case, detachable front cover. 10x9x3½". For 110-130 V, 60 Hz AC. Shpg. wt., 9 lbs.

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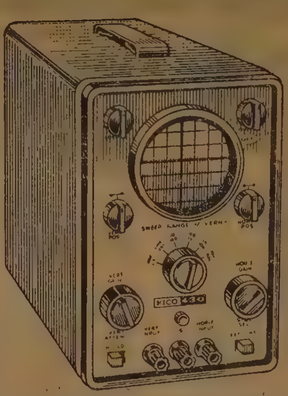

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Fully Assemble
3-INCH SCOPE

$109.95

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- High 25 mV rms/cm Sensitivity
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- 1600-V Accelerating Potential

Gives you traces with clarity and detail equal to many 5" scope Full 1600-volt accelerating potential. Has 3" flat-face CRT wit distortionless V and H trace expansion and drift-free V and positioning up to many times screen diameter. Mu-metal nec shield on CRT minimizes effects of external magnetic field Vertical amplifier response: +1, −3 dB, 20 Hz to 500 kHz (appro −6 dB at 1 MHz). Sensitivity: 25 mV/rms (70 mV p-p). Inpu impedance: 1 meg shunted by 30 pF. Horizontal amplifier respons +1, −3 dB, 2 Hz to 300 kHz. Sensitivity: 250 mV rms/cm. Imped ance: 10 meg shunted by 40 pF. Sweep ranges: 10-100 Hz, 100-100 Hz, 1-10 kHz, 10-100 kHz. Internal or external sync, automatic o all ranges and modes, with automatic sync limiter and amplifie eliminating the need for sync adjustments. Full retrace blanking Voltage regulator tube in power supply. Panel intensity and focu controls. Direct vertical plate connections. 8½x5¾x11¼". Orde probes below. 110-130 V, 60 Hz AC. Shpg. wt., 15 lbs.

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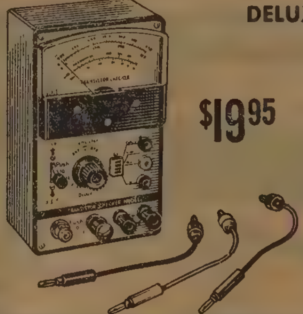


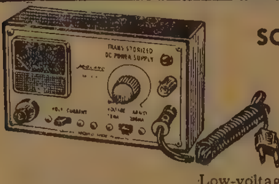
DELUXE TRANSISTOR CHECKER

Ideal for All
Solid-State Units

$19.95

This transistor checker tests NPN and PNP transistors, IF and RF transistors, plus diodes and rectifiers. Provides standard basic tests; also leakage, gain, open and short tests. Leakage (ICO) current is accurate within 1/10 microamp. Beta scale from 0-300 for precise gain checks. Has 0-500,000 ohms scale to check forward and reverse resistance of diodes and rectifiers. Heavy-duty black bakelite case, 7x4¼x3⅛". Complete with socket, leads, batteries, and full operating instructions. 2 lbs. Japan.

21 C 4551. *$5 Monthly* 19.95



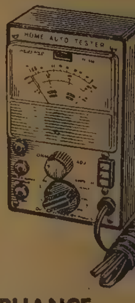
SOLID-STATE DC POWER SUPPLY

$19.95

- Isolated Line Transformer
- Easy-to-Read 2" Meter
- Variable 0-20 VDC Output
- Less Than .025 mV Ripple

Low-voltage DC supply for powering transistor radios, hearing aids, low-power amplifiers, other equipment. Special heat-dissipation devices for cool operation under full load; isolation-type line transformer. Provides 0-10 V at 200 mA; 0-20 V at 150 mA. Panel meter monitors 0-20 VDC; 0-20 DC mA; 0-200 DC mA. AC ripple, under .025 mV rms. Neon pilot light; fuse protection. 6¼x3⅝x1½". For 110-120 V, 50-60 Hz AC. With leads. Shpg. wt., 1½ lbs. Japan.

21 C 4553. *$5 Monthly* 19.95



$17.95

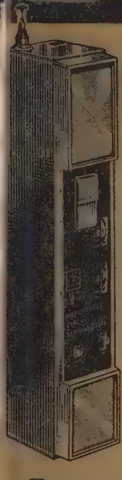
HOME APPLIANCE AND AUTO TESTER

Reads AC, DC Volts,
Ohms, Current, Power

Provides general-purpose measurement of auto electrical systems, home appli ances, AC line voltage, power consump tion and resistance. Reads: DC volts t 300; AC volts to 300; 0-1000 ohms; 0-1 amps; 0-1.5 kW. Has easy-to-read 3 two-color scale; front panel ohms adjus and range selector switch. Leakag indicator light at top of scale. 6¼x3¾ 2½". With batteries, test leads, instruc tions. Shpg. wt., 2 lbs. Japan.

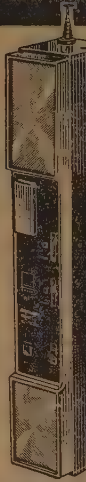
21 C 4552 .... 17.95

NEW! Latest CB, Marine, Monitor Radio Equipment



FANON

SOLID-STATE WALKIE-TALKIES WITH INTEGRATED CIRCUITS



$29⁹⁵
$5 monthly
100 mW
Three Channels

$49⁹⁵
$5 monthly
1 Watt
Three Channels

[A] IC-10 100-MW 3-CHANNEL WALKIE-TALKIE

Portable 2-way communications for everyone. Ideal for hunting, fishing, boating, sports, many other uses. Up to 3-channel crystal-controlled transmit and receive and advanced solid-state/integrated circuit design to give you maximum performance. The integrated circuit is no larger than a transistor, yet brings you maximum performance. Built-in "Call Signal" to alert other units to your messages; separate mike and speaker for improved modulation and transmitting range; squelch control for quiet standby operation; battery-life meter; earphone and external power jacks. 10½x2¾x1⅝". Hand strap, shoulder strap, earphone. Channel 9 crystals. Order 8 batteries, below.
17 C 9786 S. Japan. Shpg. wt., 2 lbs. *$5 Monthly*....29.95

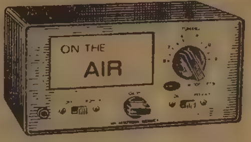
[B] IC-1000 1-WATT 3-CHANNEL WALKIE-TALKIE

Full 1-watt power input—10 times the power of 100-mW units. Features solid-state/integrated-circuit design for peak performance; 3-channel crystal-controlled transmit and receive for versatility and high frequency-stability. Has strong-signal limiter to prevent overload; separate mike and speaker for improved modulation and transmitting range; variable squelch for quiet standby operation; battery-strength meter; jacks for external antenna and power, earphone. Size, 10½x2¾x1⅝". With hand strap, shoulder strap, earphone, Channel 9 crystals. Order 8 batteries below. FCC license needed—no exam required. Japan.
17 C 9789 S. Shpg. wt., 2 lbs. *$5 Monthly*..........49.95
MODEL IC-500. As above, but has 500-mW power input.
17 C 9792 S. Shpg. wt., 2 lbs. *$5 Monthly*..........39.95

WALKIE-TALKIE ACCESSORIES

18 C 5131. Alkaline Batteries. Wt., 4 oz...Pkg. of 2 for 66¢
Extra Crystals. *Channel 1-23—specify.* Wt., 3 oz.
17 C 6600 CS. Transmit Crystal..................Each 2.50
3-9..............**Each 1.94** **10-Up**..............**Each 1.74**
17 C 9401 CS. Receive Crystal..................Each 2.50
3-9..............**Each 1.94** **10-Up**..............**Each 1.74**

AMECO PCB CB RECEIVER PREAMP FOR 2-WAY RADIOS



$49⁹⁵
- Field-Effect Transistor
- Antenna-Transfer Relay

SOLID STATE

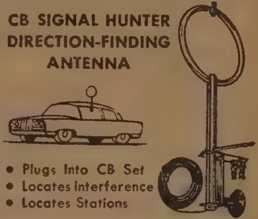
Solid-state preamplifier increases gain and sensitivity of tube-type and solid-state CB receivers. Designed to operate with 2-way radios, but works equally well with individual receivers. Feeds antenna of and mutes a second receiver by built-in transfer relay. Preamplifier is bypassed during transmission. Easily connected without modification of CB unit. Has built-in power supply; automatic "On the Air" light. 5½x3¼x3". With cables. 115 VAC.
17 C 6599 X. Shpg. wt., 5 lbs. *$5 Monthly*..................49.95

ANTENNA SPECIALISTS MON-6 MOBILE ANTENNA

- 25-50 and 130-174 MHz
- Mounts on Cowl of Car
- Chrome Telescopic Whip

Dual-band cowl-mount mobile antenna for monitor receivers. Covers 25-50 and 130-174 MHz bands. Highly efficient antenna for receiving weak signals on all portions of both bands. Has center-loaded coil in weatherproof polypropylene case. Chrome telescoping whip for long life and top performance. Comes complete with 5 ft. of RG-58/U coax, pin plug, M-41 adapter for SO-239 connections.
17 C 6174 X. Wt., 2 lbs. **14.95**

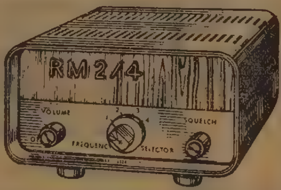
CB SIGNAL HUNTER DIRECTION-FINDING ANTENNA



- Plugs Into CB Set
- Locates Interference
- Locates Stations

Mounts easily with suction-cup and bracket. Tunes quickly with knob on loop. S-meter and volume output of receiver are used as indicators as loop is rotated. Impedance, 50 ohms. Complete with 8-ft. RG-58/U coaxial cable and PL-259 connector.
17 C 6163 X. Wt., 4½ lbs. **12.95**

PETERSEN RM2-4 BASE/MOBILE MONITOR RECEIVER



- Operates on 117 VAC/12 VDC
- Covers 2-200 MHz AM or FM
- Frequency Plug-in Cards
- Built-in Speaker
- Squelch

Can operate 2-200 MHz, AM or FM. Four-channel capability. With certificate for 1 plug-in card to be filled out and sent to factory. Size, 3⅜x5¾x7½". For 117 VAC/12 VDC. Order 12-V cord below.
17 C 8525 X. Shpg. wt., 4 lbs. *$5 Monthly*..................69.95
17 C 8526. Mobile Mounting Bracket. Shpg. wt., 1 lb..............4.25
17 C 8527. DC Power Cord. Shpg. wt., 8 oz..................2.95
17 C 8528 S. Additional Frequency Card. Fill out and mail to Petersen. Petersen will ship to you within 30 days..................14.95

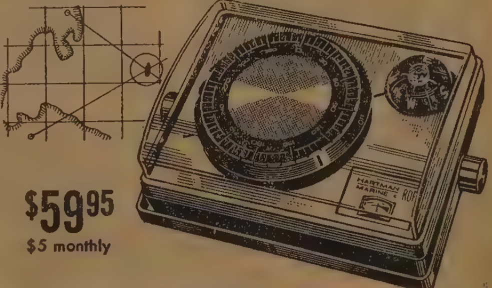
HARTMAN SOLID-STATE RADIO/COMPASS DIRECTION FINDER

- Solid-State AM Radio
- Jeweled Domed Floating Marine Compass
- Exclusive Automatic Magnetic Compensation
- Null Meter for Accuracy

Accurate marine radio/compass direction-finder that takes a bearing (in less than one minute) with only one reading and no complicated calculations. Ideal for both land and water use. Features calibrated bearing locator with jeweled domed floating marine compass and level indicator, marked for easy alignment with luminescent dial designed for night viewing. Precise as a 5" floating compass. So independent of the boat that is it not necessary to align it with the boat's compass nor maintain a constant heading to take a bearing.

Solid-state AM radio has easy-to-read azimuth dial that rotates 360°. Null meter lets you see sound level for accurate navigation fixes, even in the worst weather. Ideal for hunting and camping as well as for sailing. Compact, only 1¾x6¾x5", and so light, only 1 lb. Anodized aluminum bracket for bulkhead mounting; shoulder strap for easy portability. Splashproof Cycolac® case with cover.

With battery and handy guidebook listing coordinates of over 2000 AM radio stations in U.S.A. and possessions.
17 C 9758 S. Shpg. wt., 3 lbs. *$5 Monthly*..................59.95



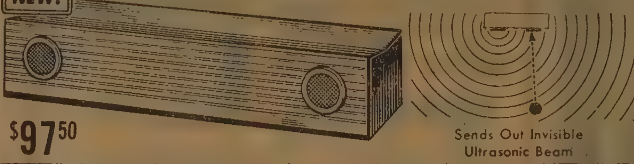
$59⁹⁵
$5 monthly

Use On Land or Water

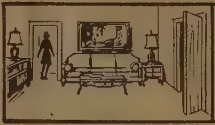
Protect Your Property with These Alarms

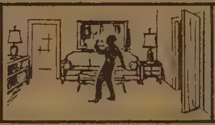
NEW!

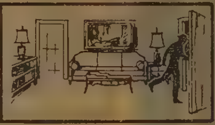
EUPHONICS ULTRASONIC INTRUSION ALARM


Sends Out Invisible Ultrasonic Beam

$97.50


Turn On Alarm When You Leave—Unit Arms in Less Than a Minute


When Intruder Enters, Alarm Immediately Turns on Lamps or Floodlights


After Brief Delay, Alarm Rings to Frighten Intruder

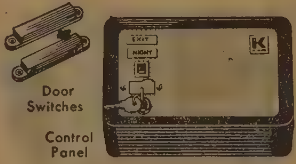
MODEL A-1. Versatile alarm system works on proven ultrasonic beam principle, same as that used for years in expensive systems in banks, detection agencies and industrial plants. Projects invisible ultrasonic beam which, when broken, turns on lights and sets alarm. 6 modes of operation with unit resetting itself automatically after one minute: lights on immediately (only); lights on, bell 20 seconds later; bell on immediately, lights 20 seconds later; lights and bell on immediately. 2 modes of operation with manual reset: light on, bell in 20 seconds; light or bell on. Simple, foolproof operation: install unit anywhere, making sure front of unit is unobstructed. Beam covers entire area, sets alarm when broken. Covers area of normal-size living room. Beam unit, 3x13x6". For 110-130 V, 60 Hz AC. Order alarm bells below. With hardware.

26 C 2160. Shpg. wt., 9 lbs. *$5 Monthly* 97.50

26 C 2161. Model B-3, 3½" Bell for Above. Shpg. wt., 2 lbs. 4.95

26 C 2162. Model B-6, 6" Bell for Above. Shpg. wt., 4 lbs. 19.95

Kidde BURGLAR AND FIRE ALARM SYSTEMS



$89.95 ALARM BURGLAR

- "Night" and "Exit" Modes
- Easy Surface Installation
- Personal Key Operation

MODEL 991. Versatile home burglar alarm panel—use to provide protection from burglars, prowlers, etc. Self-contained solid-state system. Features surface installation for easy removal without damage to walls or doors; personal key operation.

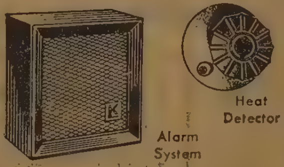
Operates in "Night" and "Exit" positions. In "Exit" position, alarm actuates 15 seconds after family members leave; alarm delays 15-30 seconds on entry. In "Night" position (family asleep, etc.) alarm rings immediately, without using time delay.

Has pilot light to show proper operation; key control switch; "Night" "Exit" lights. Size, 5x8x3". For 110-130 V, 60 Hz AC. Order door switches, cable below. Wt., 9 lbs.

26 C 2100 X. *$5 Monthly* 89.95

26 C 2101. Magnetic Door Switches. Connect control to unit above. Shpg. wt., 8 oz. 1.95

55 C 7602. 100' Wire. 2-conductor, 18 gauge. Shpg. wt., 2 lbs. 3.15



$39.95 FIRE ALARM

- Good Protection at Low Cost
- 13 Solid-State Diodes
- Easy Installation

MODEL HS-12. Quality fire-alarm panel provides adequate protection from fires, excessive heat, etc., when used with heat detector below. Has dual horn alarm for distinctive, easily identifiable tone. Solid-state circuit with 13 diodes for reliable operation. Self-contained.

Alarm automatically rearms itself after cooling, and power is resumed. Has pilot light to indicate power on and properly connected. Lock-in circuit keeps alarm sounding even after it cools. Has "Silent" switch to release lock-in and restore system.

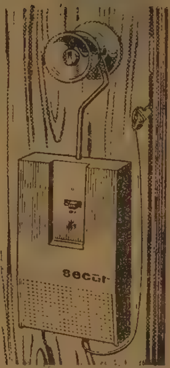
Can also operate from remote bells or lights. Recommended installation, 6 to 8-ft. from floor. Handsome case, 6x5x3". For 110-130 V, 60 Hz AC. Order heat detector, cable below.

26 C 2102 X. Shpg. wt., 6 lbs. 39.95

26 C 2103. Heat Detector. Activates alarm in presence of extreme heat. Shpg. wt., 8 oz. 3.95

55 C 7602. 100' Cable. 2-conductor. 18-gauge. Shpg. wt., 2 lbs. 3.15

"SECUR" SOLID-STATE DOOR INTRUDER ALARM



Bzzz
Bzzz
Bzzz

$19.95

Buzzes Before Entry Is Gained

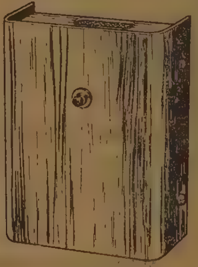
Deluxe portable solid-state door alarm, no larger than a transistor radio, but gives big protection. Hangs on inside doorknob, wherever you may be—it's great for home protection, for motels or hotels when on vacation. Provides protection and assures privacy anywhere and everywhere.

Easy to install and setup. Simply hang on inside doorknob, plug into AC outlet and turn on. Sounds with shrill buzzing sound if anyone even touches the outside doorknob. Warns you of prowlers even before any entry is made. Also has special safety clip which will sound alarm if door is forced open without touching doorknob.

Has dependable solid-state design, illuminated on-off switch. No moving or breakable parts. Handsomely styled high-impact case, 8x4x1½". For 117 VAC. U.L. Listed. Shpg. wt., 2 lbs.

26 C 2167. *$5 Monthly* 19.95

"SMOKEE" SMOKE DETECTOR AND HOME FIRE ALARM



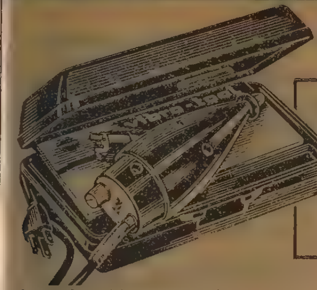
Detects Smoke
Heat
Fire

$49.95 Small Trace of Smoke Sets Alarm

Deluxe fire alarm system provides excellent protection for homes, apartments, offices, other buildings. Gives earliest warning of approaching fire by sounding the alarm at the slightest hint of smoke. Also detects and sounds alarm when rapid changes in temperature occur. Easy to install, simply mount anywhere and plug into nearest AC outlet. (It is recommended that you mount unit near ceiling, to assure utmost safety.) Solid-state circuit for quiet, dependable operation; jeweler's pilot light to indicate that smoke detection system is operating properly. Handsomely styled unit blends nicely with any decorating scheme. Size, 6x4x3". For 110-130 VAC. Wt., 5 lbs.

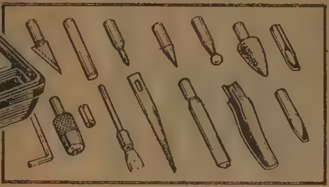
26 C 2170. *$5 Monthly* 49.95

Tools, Automotive Equipment, Ultrasonic Cleaner



NEW!

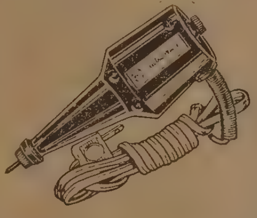
BVI V-88 VIBRO-TOOL OUTFIT



Rugged, multi-purpose tool, perfect for the skilled craftsman, hobbyist and home repairman. It's ideal for hundreds of different jobs—engraving and etching on glass and plastics; permanent marking on tools; deburring; punching and cutting sheet metals; leather working, much more. Has heavy-duty two-speed motor delivering 3600 and 7200 strokes per minute. Powerful enough to handle the toughest jobs. Special dial setting adjusts length of strokes. Secure set screw chuck accepts all accessories with shaft diameters of 7⁄32". Also includes adapters for accessories with 1⁄8" and 1⁄4" shafts. Durable nylon case with comfortable grip permits long use without tiring. Also features motor control switch; heavy-duty 6-ft. AC line cord. Accessory tool outfit includes: setscrew chuck; Allen wrench; 3 engraving points for making permanent markings, etching, etc.; hammer point for driving nails and tacks; knife blade for cutting card board, balsa, leather goods, etc.; wood saw blade; leather working tools; glass tool for frosting and decorating; wire brush and metal file for cleaning. Molded plastic storage case has room for Vibrotool and all accessories. 110-120 V, 50-60 Hz AC. Wt., 3 lbs.

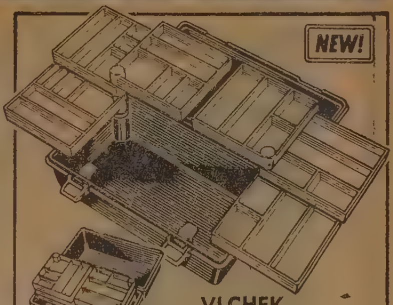
26 C 2105. *$5 Monthly*........19.95

BVI ELECTRIC PENCIL



Unique electric pencil lets you mark your name or other vital information on any number of common objects around the home. Identify your property—write on tools, flashlights, hub caps, lawn mowers, etc. Pencil has hardened steel point that vibrates at 7200 strokes per minute. Automatic, turns itself on when you pick it up, shuts off when you put it down. Adjustment knob changes length of stroke. Overall length, 5½". With 6' cord. For 110 V, 50-60 Hz AC.

26 C 2106. Shpg. wt., 1 lb...............6.95



NEW!

VLCHEK "ADVENTURER" SWING-OUT TOOL TRAY

$19.95

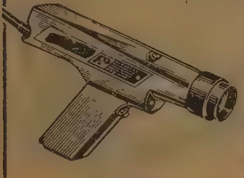
$5 monthly

- Trays Swing Out, Not Up
- Full Access to Bottom
- Unbreakable Copolymer

Deluxe swing-out tool box, ideal for holding small parts, fishing tackle, servicing components, etc. Features six separate swing-out trays for easy access to each compartment. No wasted space at all—bottom large compartment is completely accessible and large enough to store even bulky tools. Trays swing out with the flip of a finger—no binding or sticking. Entire box is made of ABS copolymer plastic, no parts to rust, corrode or wear out. Not affected by water, gas or oil, etc. Ideal for use indoors or out. Also features recessed handle, dual safety latches. Box opens flat, won't tip or spill. Handsome Jet green body, with snow white plastic trays. Overall size, 19x10¾x10⅛". Shpg. wt., 10½ lbs.

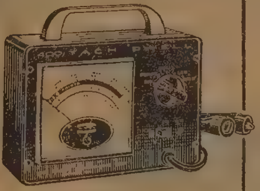
26 C 2107 X. *$5 Monthly*..........19.95

DELUXE AUTOMOTIVE TEST EQUIPMENT



DC POWER TIMING LIGHT

$29.95



DWELL/TACHOMETER

$39.95

DC POWER TIMING LIGHT. Accurately checks engine timing, distributor action, centrifugal advance and governor action. Solid-state circuit. Slim-well-balanced design for long use without tiring. Automatically adjusts to 6 or 12-volt systems without any special hookups or adapters. Brightly focused beam permits direct testing, even in daylight. Has non-polarizing circuit—either test lead can be connected to either battery terminal. Pushbutton trigger switch. Chrome body surface resists rust and corrosion. With spark plug adapter leads. For 6 or 12 VDC systems. Shpg. wt., 3½ lbs

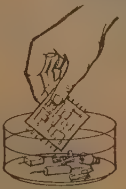
19 C 4134. *$5 Monthly*........................29.95

AUTO DWELL/TACHOMETER. Lets you monitor engine rpm and dwell angle. Indicates point condition, timing, cranking. Tachometer is useful for making accurate carburetor adjustments and setting idle speed: reads 0-1000, 0-5000 rpm. Dwell meter adjusts points. For 4, 6, 8-cylinder engines, 6- or 12-volt systems, positive or negative ground. Has solid-state circuit, single range/function switch. With leads.

19 C 4135. Shpg. wt., 3½ lbs. *$5 Monthly*:........39.95

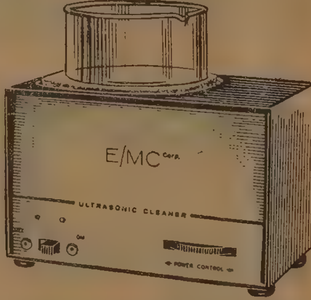
NEW!

E/MC MODEL LP-2 HOME ULTRASONIC CLEANER



Space-Age Cleaning

$39.95

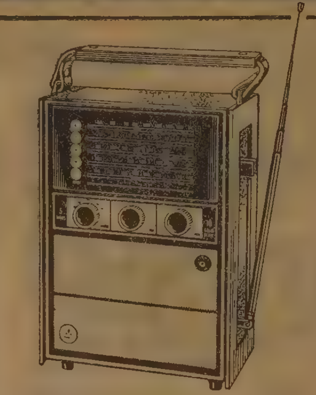


- Performance-Proven Cleaning Technique—Used in Industry and Defense
- Convenient Crystal Beaker Can Be Moved Without Moving Cabinet
- Automatic Overheat Cutoff Prevents Damage to Items Being Cleaned

Excellent value in a highly useful ultrasonic cleaner for all types of delicate and intricate housewares. Gets to inaccessible places even brushes and files miss. Has convenient crystal beaker for objects to be cleaned; stainless steel cabinet. Beaker can be easily removed, refilled and replaced without moving basic cabinet. Cleaning liquid operates at 90 kHz. Has automatic heat cutoff to protect delicate objects from damage. Beaker is a full 3" diameter by 1½" deep, can accept full set of dentures. Holds up to ⅓ pint cleaning fluid. Handsome white cabinet, with lid and storage base. Outfit includes sample bottles of jewelry cleaner; denture cleaner; silver/gold coin cleaner; copper/brass coin cleaner; plastic sponge. Cabinet size, 6x4x4". For 115 V, 60 Hz AC.

26 C 2108. Shpg. wt., 6 lbs. *$5 Monthly*...............39.95

Exciting New Portable Radios . . . Radio/Phono



BATTERY/AC FM-AM-SW-AIRCRAFT-POLICE/PUBLIC SERVICE BAND

$\$69^{95}$

$5 monthly

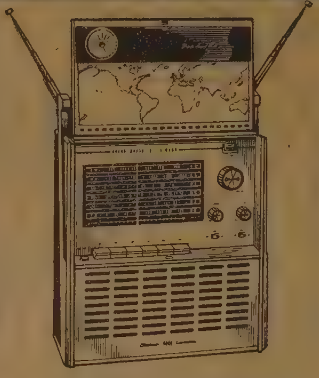
Automatically Switches to Battery Operation if AC Power Fails

Powerful 5-band solid-state portable brings you standard FM and AM coverage, international shortwave on 6-18 MHz, 108-135 MHz VHF aircraft and 146-175 MHz VHF Police/Public Service Band coverage. Operates anywhere on batteries or AC—switches to batteries automatically if AC power fails. Self-storing AC cord.

Easy-to-read slide-rule dial with logging scale makes tuning easy. Lighted band indicator. AFC prevents drift on FM stations. Ferrite AM, telescoping FM-SW-VHF antenna. Circuit has 18 transistors and 8 diodes. Handsome leather cabinet with heavy chrome side trim and spun metal grille. 10¾x6½x3½". U.L. Listed. With 4 "C" batteries, AC cord, earphone. Japan. 8 lbs.

10 C 4100 X. *$5 Monthly*.......69.95

18 C 5078. Extra "C" Batts. 6 oz....2/33¢



6-BAND FM-AM-SW-LW-MARINE BATTERY/AC PORTABLE RADIO

$\$99^{95}$

$5 monthly

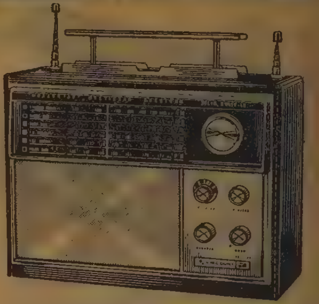
Includes World Map and Time Zone Dial Behind Hinged Cover

Full-feature 6-band portable brings you an exciting new world of listening pleasure. Covers your favorite FM and AM stations; 200-480 kHz longwave; 1.6-4 MHz for marine band, 160- and 80-meter Ham bands; and international shortwave on two bands, 4-12 MHz and 12-22 MHz for foreign broadcasts, Hams and government services.

Powerful circuit has 16 transistors and 10 diodes. Operates on 6 "C" batteries or 117 VAC with built-in self-storing AC line cord. Goes with you everywhere for exciting coverage and fine sound quality. Big 5" speaker delivers full sound. Tone control adjusts to suit your preference.

Instant pushbutton band selection; AFC control to lock-in FM stations, prevent drift; tuning/battery meter; twin telescoping antennas; dial lights; world map and time zone dial in cover. Die-cast front. 13x10x4". With batteries. Extra batteries at left. Japan. 15 lbs.

10 C 4124 U. *$5 Monthly*........99.95



BATTERY/AC FM-AM-SW-MB-VHF POLICE/PUBLIC SERVICE BAND

$\$89^{95}$

$5 monthly

Twin Telescoping Antennas for SW, FM and VHF Bands

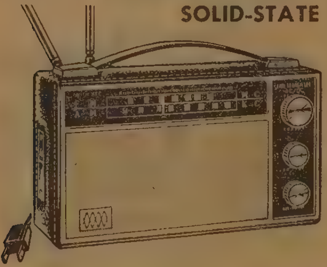
Feature-packed portable offers exciting 6-band coverage. Tunes standard FM and AM; marine band from 1.6-4.5 MHz; 4.5-12 MHz for international shortwave; plus two VHF bands: 108-134 MHz aircraft and 148-174 MHz police/public service band.

Operates on 4 long life "D" batteries or 117 VAC with built-in AC cord. Over 1-watt output. Color-coded band selector; large, slide-rule dial; variable tone control; switchable AFC, fine-tuning control for use on SW, aircraft and police bands. Built-in AM twin telescoping FM-SW-VHF antennas. Padded leather cabinet, retractable chromed handle. 10x12¾x5". With batteries, earphone. U.L. Listed. Japan.

10 C 4114 U. 12 lbs. *$5 Mo.*.. 89.95

18 C 5079. Extra "D" Batts. 12 oz. 4/65¢

SOLID-STATE FM-AM BATTERY/AC PORTABLES



FEATURE-PACKED FM-AM PORTABLE

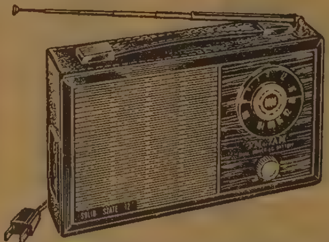
$\$27^{95}$

- Twin FM Antennas
- AFC on FM
- Leatherette Case

Excellent FM-AM portable operates up to 140 hours on 4 "C" batteries, or on 117 VAC with built-in cord. Dynamic 3" speaker delivers rich, wide-range sound. Boasts slide-rule dial, vernier tuning. AFC prevents drift. Built-in AM, twin telescoping 22¼" FM antennas. 10 transistors. Leatherette case. 5¼x8⅝x3". With 4 batteries, earphone. U.L. Listed. From Japan. 4 lbs.

10 C 4346 S. *$5 Monthly* 27.95

18 C 5078. Extra Batteries. 6 oz...... 2/33¢



VALUE-PRICED FM-AM PORTABLE

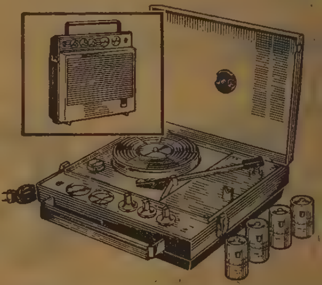
$\$19^{95}$

- Self-Storing AC Cord
- AFC on FM
- Leatherette Case

Handsomely styled FM-AM portable offers good reception of your favorite local stations at a moderate price. Operates on 4 "AA" batteries or 117 VAC with built-in self-storing cord. AFC locks-in FM. 2¾" speaker for clear, full sound. Has built-in AM, telescoping FM antennas. Leatherette case with walnut grain panel, chrome grille. 5⅛x9x2¼". U.L. Listed. 10-transistors. From Japan. Shpg. wt., 3½ lbs.

10 C 4222 S. 19.95

18 C 5083. Extra Batteries. 5 oz......2/27¢



COMPACT BATTERY/AC PORTABLE 3-SPEED PHONO/FM-AM RADIO

$\$44^{95}$

$5 monthly

- AFC on FM
- Tone Control
- Two Antennas

Easy-to-carry compact solid-state portable manual phono with FM-AM radio goes with you anywhere. Operates on 4 "D" batteries or 117 VAC. FM-AM radio offers good local reception. Has AFC to prevent FM drift. Ferrite AM, telescoping-swivel FM antenna.

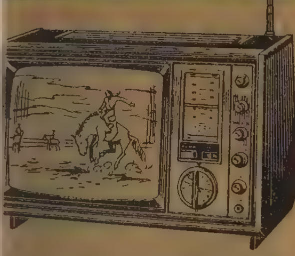
Governor-controlled phono motor assures constant 33⅓, 45, 78-rpm speeds. Plays all size records manually. Tubular metal pickup arm with ceramic cartridge and synthetic sapphire stylus. 10-transistors. 4" speaker. Tone control. Hi-impact case resists scuffs. With batteries. 3¾x11½x12¼". From Japan. Wt., 6 lbs.

10 C 4278 X. *$5 Monthly* 44.95

10 C 4283 X. Portable AM-Phono. As above; 6-trans., less FM antenna. 5½ lbs. **34.95**

NOTE: Police/Public Service Bands cover police, fire, emergency services, taxis, trains, etc. The closer you are to a city, highway or airport, the more VHF you will hear. Calls are brief and intermittent.

Items Added Too Late for Regular Catalog Pages



.NASONIC SOLID-STATE 9″-DIAG. ›RTABLE TV WITH FM-AM RADIO

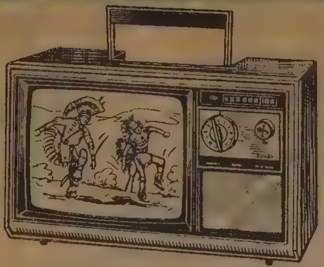
$\$129^{95}$
$7 monthly

- Tinted Glass Screen
- Tunes all 82 Channels
- Optional Battery Pack

·luxe portable lets you enjoy excellent -channel VHF-UHF TV reception, *plus* e FM and AM indoors or out. Remarkly compact solid-state portable provides ar pictures on 38 sq. in. viewing area. ırk tinted glass reduces glare and reflecns for maximum picture contrast.

uly portable operation available with tional battery pack (below). Battery pack ıps on bottom easily—styled to look like ›rt of TV. Portable has: accurate slidee tuning for UHF, FM and AM; built-in ·IF-UHF-FM-AM antennas; AFC; 4″ al dynamic speaker, earphone. Charcoalown with silver trim. 10⅛x12⅞x9⅜″. 0 VAC. From Japan. 20 lbs.
C 4232 U. *$7 Monthly*.......129.95

nap-On" Battery Pack, Rechargeable.
C 4239 X.......................34.95



SHARP 9″-DIAGONAL PORTABLE SOLID-STATE VHF-UHF TV

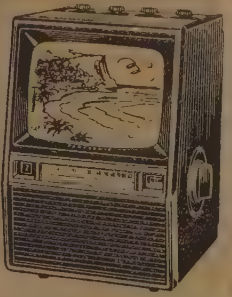
$\$99^{95}$
$5 monthly

- Built-in Battery Charger
- Optional Battery Pack, Car/Boat Cord

Versatile portable operates on 117 VAC, 12 VDC with optional cord (below), or completely portable with optional rechargeable battery pack (below). TV features a built-in battery charger. Keyed AGC, AFC assure stable reception even in fringe areas. Brilliant pictures; 38 sq. in. viewing area. 4⅜x 2¾″ speaker. Slide-rule UHF tuning. Telescoping VHF, loop UHF antennas. 90° aluminized picture tube. Walnut-grain finish. 8½x13⅝x10¼″. Earphone. U.L. Listed. 117 VAC. Japan. 15 lbs.
10 C 4076 U. *$5 Monthly*..........99.95

10 C 4337 X. Portable Battery Pack. Rechargeable battery, case. 6 lbs.........15.95
18 C 5858. Extra Battery. 6 lbs.........10.62
10 C 4330 S. 12 VDC Cord. 1 lb.........5.95
10 C 4082 X. Sun Screen. For outdoor viewing—cuts down glare. 2 lbs..........3.95

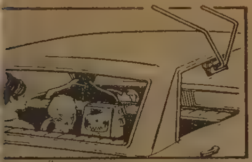
PANASONIC 5″-DIAGONAL BATTERY/AC PORTABLE TV



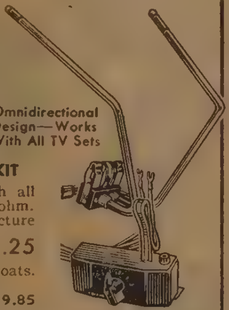
$\$129^{95}$
$7 monthly

Includes Batteries and Recharger/AC Power Adapter

Exciting all-channel VHF-UHF personal portable weighs only 14½ lbs. with batteries! Combined recharger-117 VAC adapter recharges batteries even while playing on AC. Built-in power indicator. Aluminized picture tube for sharp picture detail on 16 sq. in. viewing area. AGC insures stability. Noise canceler circuit. Dark tinted glass cuts glare. Slide-rule UHF tuning. 2½″ speaker. Telescoping VHF, bowtie UHF antennas. Earphone. 9½x6⅜x8½″. From Japan. Shpg. wt., 17 lbs.
10 C 4266 S. *$7 Monthly*...129.95



Omnidirectional Design—Works With All TV Sets

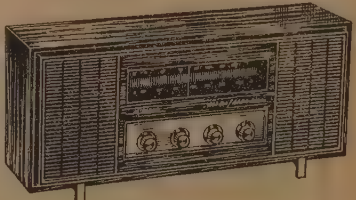


JFD AUTO VHF-TV ANTENNA KIT

indow mount antenna works with all be or solid-state TVs, 300- or 75-ohm. ith mounting clamp, 6-position picture arifier, 10′ coax cable.
C 4326 X. 3½ lbs..............14.25

BOAT TV ANTENNA. As above, for boats. cable. All non-ferrous base-metal.
C 4327 X. 4 lbs....................19.85

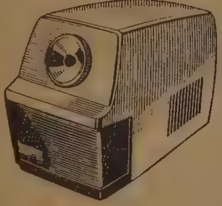
SOLID-STATE STEREO FM-AM WALNUT-WOOD TABLE RADIO



$\$64^{95}$
$5 monthly

Decorator-styled stereo FM-AM radio delivers good sound through two 4″ speakers. AFC. Slide-rule dial, stereo light, FM-AM pilot lights. Tone controls. Ceramic stereo phono input. Ferrite AM, wire FM antennas. Walnut-finished wood cabinet. 9¼x 19¾x5¾″. 117 VAC. From Japan. Shpg. wt., 12 lbs.
10 C 4349 X. *$5 Monthly*..........................64.95

ELECTRIC PENCIL SHARPENER

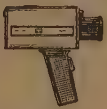


$\$13^{95}$

- So Safe Even a Child Can Use It
- Sharpens Any Standard Pencil
- Cutting Action Stops Automatically
- Transparent Shaving Receptacle

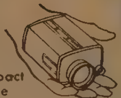
utomatic electric pencil sharpener is a great time-saving conenience for office or home. Safe enough for a child to use. Simply sert any standard pencil and in seconds you have a perfect needlearp point. Cutting action stops automatically when point is arp. Features a heavy-duty motor, precision-ground cutter and ugged die-cast metal construction for years of dependable service. martly styled to look at home on any desk. Transparent shavings eceptacle slides out easily for quick, neat cleaning. 8x4x8″. For 17 VAC. U.L. Listed. From Japan.
0 C 4353 S. Shpg. wt., 3¾ lbs..........................13.95

NEW ARGUS 806 SUPER 8 ZOOM MOVIE CAMERA

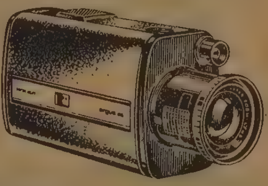


Behind-Lens Electric Eye

$\$74^{95}$
$5 monthly



Compact Size

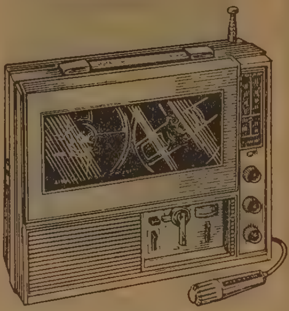


New movie camera features hand-size styling and easy operation. Uses instant-loading Super 8 cartridges. Behind-the-lens CdS electric eye for correct exposure automatically. Fixed-focus f/1.8 zoom lens (2:1). Exposure indicator and film transport signal visible through viewfinder. End-of-film signal. Film footage indicator. Electric film drive. Safety switch prevents accidental exposure. Automatic A filter. Die-cast aluminum. With four batteries, pistol grip. From Japan. Shpg. wt., 4½ lbs. See page 173 for film.
10 C 4285 S. *$5 Monthly* 74.95

New Tape Recorders, Players . . Latest Models

REEL AND CASSETTE RECORDERS, PLAYERS, DECKS FROM AIWA, CRAIG

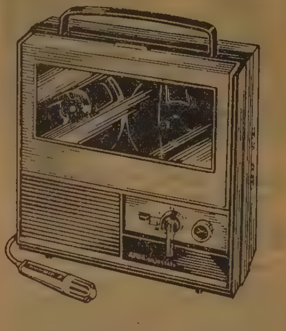
AIWA SOLID-STATE MONO PORTABLE RECORDERS



TPR-102 RECORDER/FM-AM RADIO

- 2-Speed Recorder, FM-AM-SW Radio
- Constant-Speed Capstan Drive
- Battery/AC • 5″ Reel Capacity

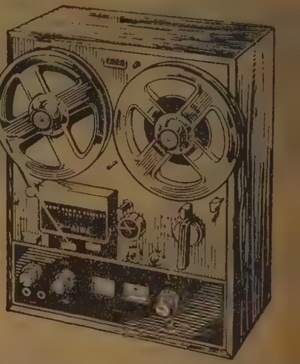
Exciting new portable entertainment center offered at an outstanding low price! Records from mike or built-in FM-AM-SW radio . . . plays back thru 4″ dynamic speaker. 2-track mono at 3¾ and 1⅞ ips! Operates on 6 "D" batteries or 117 VAC. Built-in mike storage compartment. With mike, 5″ reel tape, earphone, batteries, takeup reel. 11⅜x9x4⅜″. From Japan.
15 C 7468 X. Wt., 10½ lbs. **89.95**



TP-537 BATTERY/AC RECORDER

- Constant-Speed Capstan Drive
- Recording Level Meter
- Built-In AC Adapter

Feature-packed quality recorder. Records and plays 2-track mono at 3¾ and 1⅞ ips using batteries or 117 VAC. 4″ dynamic speaker; level meter; auxiliary, extension speaker jacks; 5″ reel capacity. With on-off mike, 5″ reel tape, earphone, 6 "D" batteries, takeup reel. 11½x4½x11″. From Japan.
15 C 7469 X. Wt., 6 lbs. **79.95**

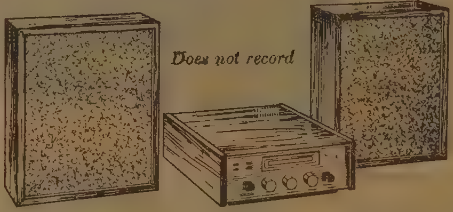


AIWA TP-1011 STEREO TAPE DECK

- Two Record Level Meters • 3 Speeds
- 7″ Reel Capacity • Headphone Jack
- 3 Heads Permit Sound-on-Sound

Ideal high-quality addition to your stereo system. Records/plays 4-track stereo or mono at 7½, 3¾, 1⅞ ips. Features: separate erase, record, playback heads; function controls plus monitor facilities; jacks for mike, phono, aux., headphone, preamp.; 2 record level meters; tape counter; sound on sound switch; walnut veneer wood base. With tape, 7″ takeup reel, patch cords. 15½x12¼x7¼″. For 117 VAC. From Japan.
15 C 7470 U. Wt., 24½ lbs. **229.95**

Craig STEREO CARTRIDGE PLAYER AND SYSTEM

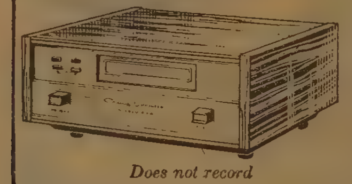


3203 COMPLETE STEREO CARTRIDGE PLAYER SYSTEM

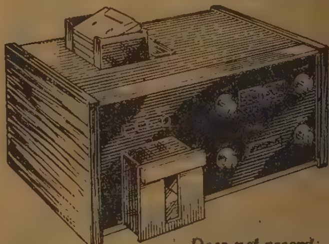
- 6 Head Positions Exactly Aligned
- Plays 8- and 4-Track Cartridges
- "E-Z-JECT" Cartridge Release

Here is a "4+4" compatible stereo tape cartridge player system that offers top-quality performance from both 8-track and half-hour 4-track stereo tape cartridges. Complete system comes equipped with two 6-inch wide-range high-compliance speaker systems. You can enjoy your favorite artists and music up to 80 minutes (on 8-track twin-pack) at 3¾ ips. Six head positions assure exact track alignment for distortion-free sound. "E-Z-JECT" cartridge release button lets you change cartridges quickly and without effort. Other features include: volume, balance and tone controls; automatic cartridge and track selection; 70-10,000 Hz frequency response; 45 dB signal to noise ratio; 12-watt peak power output (6-watts per channel); 0.25% wow and flutter; 35 dB channel separation; program indicators. Oiled walnut. Speakers, 11½x9½x4½″. Player, 4½x11½x9½″. 117 VAC.
15 C 7471 U. 20 lbs. **119.95**

3202 CRAIG STEREO TAPE CARTRIDGE PLAYER



Plays back both 8-track and 30 minute 4-track stereo cartridges through your component system or console. Solid-state preamplifier plugs into any amplifier. Features: "Easy Touch" selector; closed-front cartridge door; 70-10,000 Hz frequency response; 45 dB signal to noise; volume, balance and tone controls. Comes with preamp hookup cords. Walnut finish hardwood enclosure. 9x4½x9¼″. 115 VAC. From Japan.
15 C 7482 X. Shpg. wt., 6 lbs. . . . **79.95**



AIWA TP-1018 AUTOMATIC STEREO CASSETTE CHANGER/PLAYER

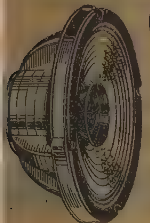
- Changes Cassettes Automatically
- Holds up to 6 Stereo Tape Cassettes
- Easy Pushbutton Operation
- Two Playback Volume Level Meters
- Separate Volume and Tone Controls

Now, for the first time—a revolutionary all-new concept in stereo tape players! Imagine, a cassette tape player that changes cassettes automatically. Insert up to six cassettes and enjoy your favorite music up to six hours without interruption.

17-transistor circuit offers superb music reproduction at 1⅞ ips. Features: two power motors, one for tape drive, one for automatic changing; separate volume and tone controls for each channel; two playback level meters; amplifier plus preamp for use with your stereo system. Play, stop, manual change controls. 4 patch cords (2 speaker, 2 external amplifier); AC line cord, plug.

Output power: 3-watts. Frequency response: 50 to 10,000 Hz. Wow and Flutter: 0.25%. Impedance: 8 ohms. 10¼x14½x7¼″. Less speakers. For 110-120 V, 60 Hz AC. Shpg. wt., 20 lbs.
15 C 7467 U **199.95**

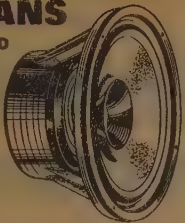
Last-Minute Releases! Speakers and Cartridge



GOODMANS

OF ENGLAND

FAMOUS
HI-FI
SPEAKERS



NEW! TWINAXIETTE 8 8″ SPEAKER

- Smooth Overall Response
- Generous Power Handling
- Excellent Magnet Damping

fine value in á wide-range ngle-unit high-fidelity speaker. nclosure volume needed is only)00 cu. in., making it an ideal producer for compact high-lelity systems.

igh efficiency permanent cera-ic magnet. Plasticized hyper-)lic main cone. 1″ aluminum)ice coil. Housing is heavy non-sonant diecast chassis. Twin aphragm with high stability ner cone for extended fre-iency range and very low level distortion.

esponse: 40-18,000 Hz. Im-:dance: 8 ohms. Power han-ing capacity: 20 watts. 3⅝″ :ep. Shpg. wt., 4½ lbs.
) C 8000. *$5 Monthly*..**29.95**

NEW AT ALLIED—AXIOM 201 12″ SPEAKER

- Extended Range, Rich Bass
- Very Low Distortion
- Plastic Suspension System

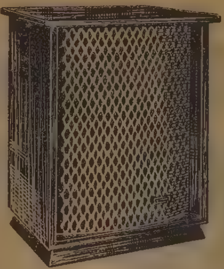
Custom-made for the audio enthusiast who wants a full 12″ speaker with extended range, rich true bass, and very low distortion level.

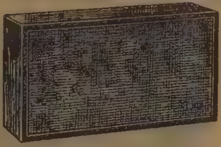
Has twin diaphragm for smooth performance from 30-16,000 Hz. High-efficiency Feroba II ceramic magnet. Plastic suspension system for flexibility and strength. Aluminum voice coil.

Maximum power handling capacity: 40 watts. Impedance: 8 ohms. Rugged diecast chassis. 5 27/32″ deep. Overall diameter, 12 17/64″. Fully dustproof construction. Enclosure volume required. 7800 cubic inches. Shpg. wt., 12½ lbs.
20 C 8001 X. *$5 Monthly* **59.95**

ALTEC LANSING

FINE QUALITY BOOKSHELF, FLOOR SPEAKER SYSTEMS





847A TWO-WAY 12″ SPEAKER SYSTEM

- Deluxe 12″ Woofer
- Multicellular HF Horn
- End-Table Size

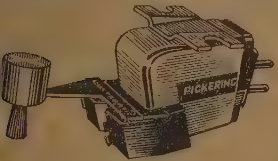
System of striking beauty delivers magnificent sound. 12″ woofer with 3″ voice coil for clean lows, cast-zinc multicellular horn and driver for thrilling midrange and treble. 40-22,000 Hz response. 20 watts capacity. 8/16 ohm impedance. 3000 Hz crossover. Elegant walnut cabinet has 16th Century Spanish-style fretwork. Size, 26x19x14″. Shpg. wt., 60 lbs.
20C7437 Z. *$12 Mo.* **221.40**

890B TWO-WAY 10″ SHELF SYSTEM

- Distortion-Free Sound
- Special 10″ LF Speaker
- 40-22,000 Hz Response

The "Bolero" delivers sound that fills the largest room. 10″ low-frequency speaker reinforced by 10″ free-suspension phase inverter provides low-end response equal to much larger systems. Massive 10-lb. magnet structure. Multi-cellular tweeter. Response, 40-22,000 Hz. Capacity, 25 watts. 8 ohms. 14½x25¾x 12″. Walnut. 52 lbs.
20 C 7441 Z. *$9 Mo.* **161.55**

NEW PICKERING XV-15/750E DELUXE STEREO ELLIPTICAL :ARTRIDGE WITH "DUSTAMATIC"



- Perfect for the Finest Turntables
- Extra-Light ½ to 1 Gram Tracking
- 15° Elliptical Diamond Stylus

ìensational new Pickering XV-15/750E nagnetic stereo elliptical cartridge has een designed to exceed the exacting emands of the most critical audiophile. 'erfect for the very finest manual and utomatic turntables in both home and rofessional applications.

3oasts extra-high Direct Coupling Fac-or—750—suitable for the most sophis-icated playback equipment. Linear esponse assures 100% music power at ll frequencies. Replaceable V-Guard tylus assembly with 15°, .0002″ x .0009″ lliptical diamond stylus.

Response: 10-25,000 Hz. Output: 5.5 nV. Channel Separation: 35 dB. Track-ng Force: ½ to 1 gram. Includes dusta-natic brush that automatically cleans ecord grooves. Wt., 3 oz.
3 C 3851 S. *$5 Monthly*......**60.00**

See Pages 64, 65 for Our Complete Selection of Magnetic Cartridges

NEW!

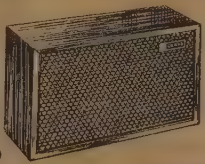
SHELF SPEAKER SYSTEMS

BOGEN

LS-10 TWO-WAY 6″ SPEAKER SYSTEM

- Cloth-Roll Acoustic-Suspension System
- Frequency Response of 40-20,000 Hz
- Perfect Size for Limited-Space Systems

Compact system features cloth-roll acoustic-suspension 6″ woofer with 6.8-oz. Alnico V magnet. 3″ tweeter. Capacity, 30 watts IHF 8 ohms. Electrical crossover at 1100 Hz. Oiled walnut finish. 15x8x7″. Wt., 12 lbs.
20 C 8310 X. *$5 Monthly*..........**44.95**

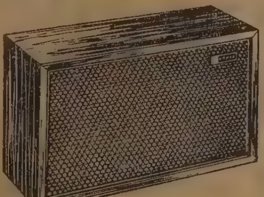


LS-10

LS-20 TWO-WAY 8″ SPEAKER SYSTEM

- Cloth-roll Acoustic-Suspension System
- 30-20,000 Hz Frequency Response
- Includes Tweeter Level Control

Cloth-roll acoustic-suspension 8″ woofer with 6.8-oz. Alnico V magnet. 3″ tweeter with 1.47-oz. Alnico V magnet. Response, 30-20,000 Hz. Capacity, 40 watts, IHF 8 ohms Tweeter level control. Oiled walnut finish. 19x10x9″. Shpg. wt., 19 lbs.
20 C 8311 U. *$5 Monthly*.........**53.95**

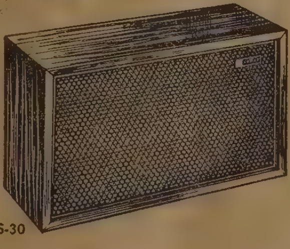


LS-20

LS-30 THREE-WAY 10″ SPEAKER SYSTEM

- Acoustic-Suspension 10″ Woofer
- Tweeter and Midrange Controls
- Frequency Response, 28-20,000 Hz

Three-way system recreates vocal and instrumental passages with exceptional fidelity. Features an acoustic-suspension cloth-roll 10″ woofer with 10-oz. Alnico V magnet for exceptionally clean and powerful bass. 5″ midrange with 3.14-oz. Alnico V magnet 3″ cone type tweeter. Level controls for both midrange and tweeter. 28-20,000 Hz. 50 watts IHF. 8 ohms. Oiled walnut enclosure, 22x14x11″. Shpg. wt., 28 lbs.
20 C 8312 U. *$5 Monthly*..........**89.95**



LS-30

Important! No Money Down on Anything Allied Sells

STEP UP TO BETTER LIVING WITH ALLIED'S CREDIT FUND PLAN
ORDER WHAT YOU NEED NOW . . SEND NO MONEY FOR 30 DAYS

FOR ONLY $5 MONTHLY YOU CAN BUY UP TO $100.00
AND FOR $26 MONTHLY YOU CAN BUY UP TO $625.00

Check Here for How Much You Can Buy and How Little You Pay Each Month

CREDIT FUND PAYMENT TABLE

Monthly Payment	Unpaid Balance
Only	**Buys Up To**
$5	**$100**
$6	**$120**
$7	**$140**
$8	**$160**
$9	**$180**
$10	**$200**
$11	**$220**
$12	**$240**
$13	**$260**
$14	**$280**
$15	**$310**
$16	**$340**
$17	**$370**
$18	**$400**
$19	**$440**
$20	**$480**
$21	**$500**
$22	**$525**
$23	**$550**
$24	**$575**
$25	**$600**
$26	**$625**

Over $625—Monthly payments will be in proportion to amounts on chart.

Small Service Charge. Only a small service charge of 1½% of the previous month's balance, minimum 70¢, is added to your monthly balance. There are no other charges. Your monthly statement shows exactly what you pay, what you owe and your unused credit.

APPLICATION BLANK IS ON THE REVERSE SIDE OF ORDER BLANK

Get These 8 Outstanding Advantages . . .

1. **No money down**—Allied makes it easy to buy and so convenient. Buy to the full limit of your Credit Fund. Nothing to pay for 30 days.
2. **Continuous buying power**—Your Allied Credit Fund is like a lump sum deposit of money invested by Allied under your name, and ready for use by you alone at any time.
3. **You can take up to 24 months to pay**—Allied spreads your payments to suit your budget. Your Credit Fund is for your convenience.
4. **A permanent and self-replenishing fund**—Your purchases are charged against your Credit Fund, but every payment you make reduces the balance due and at the same time increases your credit. Your Credit Fund is always ready for you to use over and over again.
5. **Make add-on purchases at anytime—just say, "Charge It."** You don't have to complete payments on a previous purchase to make a new purchase.
6. **You always know where your account stands**—You get a full statement each month. No complicated records for you to keep.
7. **Use your credit fund as a 30-day charge account**—No service charge at all when you pay in full within 30 days.
8. **Shopping is quicker and easier**—You never have to figure freight or delivery charges—we prepay them and include them in your statement.

Here's How Allied's Credit Fund Works . . .

When you first open an Allied CREDIT FUND account, we set up a Credit Fund in your name. It allows you a definite amount which we set aside in a lump sum credit deposit for your personal use. Buy anything you want.

You always know exactly how much more credit is available to you. Under the CREDIT FUND Plan, you can enjoy top buying power for low monthly payments. Example: A monthly payment of $26 buys up to $625.00.

To Open Your Credit Fund Account . .

To enjoy the advantages of an Allied CREDIT FUND account, just fill in application on back of our order blank and send it in with your order.

Low Monthly Payments . .

You can use all or any portion of the amount in your Fund. Your monthly payments depend on the amount you use (see Table at left).

Each time you buy, you draw against your Fund, but each payment you make goes toward building up more and more credit because you are continually replenishing the Fund. This means you can "add-on" new orders at any time—up to the full amount of your Credit Fund.

Only Your Signature on Add-On Orders . .

You can "add-on" orders at any time for the unused amount in your Fund with no money down. Just sign your order in the space provided (minimum order $10). Determine your monthly payment in the following way:

1. Add amount of "add-on" order to your present unpaid balance.
2. See Table at left to find monthly payment for new unpaid balance.
3. If the monthly payment is the same or less than the amount you are currently paying, no change in your monthly payment is required.
4. If monthly payment for your "add-on" order, plus your present unpaid balance is more than you currently pay, we will show the new monthly payment on your next statement.

Simplest, Easiest Plan . .

Because you get a detailed personal statement each month, you don't have to bother with bookkeeping. You can check accuracy in seconds. Allied's CREDIT FUND Plan is the last word in low-cost convenience.

NOTE: All credit applications subject to approval by Allied Credit Counselors. Credit Fund accounts available only to residents of the 50 United States and members of U.S. armed services overseas. NO CREDIT APPLICATIONS ACCEPTED FROM PERSONS UNDER 21 YEARS OF AGE.

IMPORTANT ORDERING INFORMATION

CASH ORDERS

To assure fastest delivery, please send sufficient funds (money order or check) to cover the full amount of the merchandise ordered, plus transportation charges and insurance fees. (See next two pages for full information on how to estimate transportation charges and determine insurance rates.) By including adequate transportation and insurance fees, you are assured delivery even though you may not be at home. Any excess remittance will be promptly refunded. A handling charge of 50¢ will be applied on orders of less than $5.00.

CREDIT ORDERS

For greater buying power, use Allied's Credit Fund Plan. No money down—take up to two years to pay. Your single, low monthly payment. We figure and prepay transportation charges and include them in your statement. Add-on-orders require only your signature—no down payment is needed. MINIMUM ADD-ON ORDER IS ONLY $10.00. See page 4. Application form is on the back of order blank.

ABOUT OUR PRICES

You Pay NET Prices. Prices are net, f.o.b. Chicago, except where otherwise indicated. Our NET catalog prices are the prices you pay on shipments within the United States, and to Canada and Puerto Rico. For shipments to other countries, see "Export Orders" below. Prices, specifications and conditions of sale are subject to change without notice.

Catalog Expiration. The offerings in this catalog remain in effect until August 31st, 1969. If at that time you do not have a copy of the current Allied Catalog, please send us your request for the new edition.

TO HELP YOU WRITE YOUR ORDER

Please Use Our Order Blank. To speed your order, fill in all information requested. Always show ZIP code on order blank, *and* envelope.

Method of Shipment. Depend on Allied to ship your order the best way. Items with suffix "U", "W" or "Z" in Stock No. are shipped Truck or Express. Include any special instructions on your order.

Cash Orders. On cash orders, please remit full amount for items ordered, plus transportation and insurance. Don't worry about sending too much. Every extra cent will be refunded promptly.

Shipping Weights. All weights shown in this catalog are *shipping* weights, unless otherwise indicated. Use weights in catalog and rate charts (following two pages) to determine shipping costs.

Insurance. To protect you, we insure all Parcel Post shipments with a dependable private insurance company. See page 448 for rates.

How to Send Money. Please send your remittance by Post Office or Express money order, bank draft, or check. PLEASE DO NOT SEND STAMPS.

ABOUT C.O.D. ORDERS

To save you money, we strongly recommend that you send full remittance with your order. However, if you wish C.O.D. shipment, see page 448 for Money Order and C.O.D. charges. The minimum C.O.D. order is $10.00. An advance deposit of 20% of the total order value is required.

SHIPMENTS OUTSIDE THE CONTINENTAL UNITED STATES

MPORTANT! On all merchandise to be hipped outside the United States, please allow 30 to 60 days for delivery. For aster shipment please request "Air". Be ure to include the additional air charges n figuring your order. See AIR PARCEL OST SHIPMENTS chart on page 448 r consult your local air agent for charges. No C.O.D. orders.

ANADA. We deduct 10% from face alue of remittances in Canadian curreny. Please add 10% to such remittances. arcel Post limits: 30 lbs. and 72 inches length plus girth). 80¢ for first 2 lbs.: 30¢ or each added lb. Insurance fees, p. 48. No C.O.D. or Air Parcel Post. We an ship Express or freight.

ALASKA AND HAWAII. Parcel Post s limited to 70 lbs. and 100 in. (length plus girth). Zone 8 rates. Insurance fees, . 448. Marine and Risk insurance required as follows: Air Freight, 10¢ per 100; Air Express, 18¢ per $100; truck r ship, 50¢ per $100.

APO'S AND FPO'S. Air and surface shipments are usually limited to 70 pounds and 100 inches (length plus girth). Determine restrictions to your APO or FPO before ordering. No C.O.D. shipments. Remit charges as follows:

NEW YORK APO'S AND FPO'S. Use Zone 5 rates. See chart on page 448. (Over 30 lbs. add 10¢ per lb.)

SAN FRANCISCO APO'S AND FPO'S. Use Zone 8 rates. See chart on Page 448. (Over 30 lbs. add 15¢ per lb.)

U.S. POSSESSIONS. All transportation charges must be included with remittance. No C.O.D. See your local agent for charges. Parcel Post shipments to Canal Zone, Canton Island, Guam, Marianna and Marshall Islands, Puerto Rico (¹see note below), Samoa, Virgin Islands and Wake Island are limited to 70 lbs. and 100 in. (length plus girth). Charges based on Zone 8 rates. ¹Puerto Rico imposes excise taxes on delivery of electrical appliances (hi-fi, components, etc.) of at least 15%.

EXPORT ORDERS

The minimum order we can accept for delivery outside the U.S. is $25.00 in U.S. currency. Each export order must be accommpanied by cash for the full amount of the order or an irrevocable letter of credit. Prices are net, f.o.b. our plant. Include 20% over merchandise value for documentation, packing and shipping costs. On orders over $500.00 include 10%. Any extra money that is sent will be refunded. Parcel post to APO or FPO addresses are considered domestic mailings—use Zone 5 rates for New York, Zone 8 for San Francisco. For any additional information you may require, write to our Export Department, 100 N. Western Ave., Chicago, Illinois, 60680.

ee Pages 448-450 for Additional Ordering Information

IMPORTANT ORDERING INFORMATION

USE YOUR ZIP CODE TO FIND YOUR PARCEL POST ZONE

Use the first 3 digits of your Zip Code number to determine your parcel post zone. Example: If your Zip Code is 58374, use the first 3 numbers (583), and refer to chart below for your Zone which is 5.

Zip Code	Zone	Zip Code	Zone	Zip Code	Zone	Zip Code	Zone	Zip Code	Zone	Zip Code	Zone	Zip Code	Zone
006-009	8	286-289	4	400-406	3	474-478	3	560-574	4	718	5	835-839	7
010-046	5	290-292	5	407-409	4	479	2	575-579	5	719-729	4	840-849	6
047	6	293	4	410	3	480-489	3	580-581	4	730-739	5	850-854	7
048-098	5	294-295	5	411-419	4	490-491	2	582-589	5	740-744	4	855-863	6
100-129	5	296-297	4	420	3	492	3	590-591	6	745	5	864	7
130-132	4	298-299	5	421-422	4	493-495	2	592-593	5	746	4	865-880	6
133-139	5	300-303	4	423-424	3	496-499	3	594-599	6	747-748	5	881	5
140-179	4	304	5	425-426	4	500-504	3	600-605	1	749	4	882-883	6
180-199	5	305-307	4	427-428	3	505	4	606	Local	750-778	5	884-889	5
200-215	4	308-329	5	439	4	506-507	3	607-609	1	779-785	6	890-899	7
216	5	330-334	6	440-443	3	508-519	4	610-619	2	786-787	5	900-933	7
217	4	335-338	5	444-447	4	520	2	620-636	3	788	6	934	8
218-219	5	339-349	6	448-456	3	521-526	3	637-649	4	789-796	5	935-938	7
220-232	4	350-359	4	457	4	527-539	2	650-652	3	797-799	6	939-951	8
233-238	5	360-361	5	458-459	3	540	4	653-675	4	800-812	5	952-953	7
239-274	4	362	4	460-462	2	541-547	3	676-679	5	813-819	6	954-955	8
275-279	5	363-369	5	463-464	1	548	4	680-689	4	820-823	5	956-961	7
280-282	4	370-389	4	465-469	2	549	3	690-699	5	824-825	6	962-969	8
283-285	5	390-396	5	470-472	3	550-558	4	700-715	5	826-828	5	970-994	7
		397	4	473	2	559	3	716-717	4	829-834	6	995-999	8

HOW TO ESTIMATE YOUR PARCEL POST CHARGES

Up to 16 oz., all zones allow 6¢ for first 2 oz., 2¢ for each additional oz. Find the weight of your merchandise in the extreme left-hand column of the chart at right. Pay the amount listed for Parcel Post shipment to your zone. A fraction of a pound is charged as a full lb. For example, if the weight is 4 lbs. and 1 oz. to Zone 4, postage would be for 5 lbs. (90¢). Over 30 lbs. shipped Truck or Express. See following page.

INSURANCE FEES

We insure all Parcel Post shipments with a private insurance company. In case of loss or damage, adjustment is made easily and quickly. Please allow for insurance fees as follows:

$2.00 to $15.00	20¢
$15.01 to $50.00	30¢
$50.01 to $100.00	40¢
$100.01 to $150.00	50¢
$150.01 and Up	60¢

C.O.D. ORDERS

To save you money, we strongly recommend that you send a remittance with your order. The Post Office charges both a C.O.D. fee, plus a money order fee. The minimum C.O.D. order is $10.00, with a deposit of at least 20%. Estimate C.O.D. charges from *both* tables below.

PARCEL POST C.O.D. FEES:

$0.01 to $10.00	60¢
$10.01 to $25.00	70¢
$25.01 to $50.00	80¢
$50.01 to $100.00	90¢
$100.01 to $200.00	$1.00

MONEY ORDER C.O.D. FEES:

From $0.01 to $10.00	25¢
From 10.01 to 50.00	35¢
From 50.01 to 100.00	40¢

PARCEL POST SHIPMENT

WEIGHT	Local	Zone 1, 2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7	Zone 8
2	$0.50	$0.60	$0.60	$0.65	$0.70	$0.80	$0.85	$0.90
3	.50	.65	.70	.75	.85	.95	1.05	1.15
4	.55	.70	.75	.85	.95	1.10	1.20	1.35
5	.55	.75	.80	.90	1.05	1.25	1.40	1.60
6	.55	.80	.90	1.00	1.15	1.40	1.55	1.75
7	.60	.90	.95	1.10	1.30	1.50	1.75	1.95
8	.60	.95	1.00	1.15	1.40	1.65	1.90	2.15
9	.65	1.00	1.05	1.25	1.50	1.80	2.05	2.35
10	.65	1.05	1.15	1.35	1.65	1.90	2.25	2.55
11	.65	1.10	1.20	1.40	1.75	2.00	2.40	2.75
12	.70	1.15	1.25	1.50	1.85	2.15	2.55	2.90
13	.70	1.20	1.35	1.55	1.95	2.25	2.70	3.10
14	.75	1.25	1.40	1.65	2.05	2.40	2.85	3.25
15	.75	1.30	1.45	1.75	2.15	2.50	3.00	3.45
16	.75	1.35	1.55	1.80	2.25	2.60	3.15	3.60
17	.80	1.40	1.60	1.90	2.35	2.75	3.30	3.80
18	.80	1.45	1.65	1.95	2.45	2.85	3.45	4.00
19	.85	1.50	1.75	2.05	2.55	2.95	3.60	4.15
20	.85	1.55	1.80	2.10	2.65	3.10	3.75	4.35
21	.85	1.60	1.85	2.15	2.75	3.20	3.90	4.50
22	.90	1.65	1.90	2.25	2.80	3.30	4.05	4.70
23	.90	1.70	1.95	2.30	2.90	3.40	4.20	4.85
24	.95	1.75	2.00	2.35	3.00	3.55	4.35	5.00
25	.95	1.75	2.05	2.45	3.05	3.65	4.50	5.20
26	.95	1.80	2.05	2.50	3.15	3.75	4.65	5.35
27	1.00	1.85	2.10	2.55	3.25	3.90	4.80	5.55
28	1.00	1.90	2.15	2.60	3.35	4.00	4.90	5.70
29	1.05	1.90	2.20	2.70	3.40	4.10	5.05	5.90
30	1.05	1.95	2.25	2.75	3.50	4.20	5.20	6.05

AIR PARCEL POST

We will ship your order Air Parcel Post upon request. Weight and size limitations, 70 lbs. and 100 inches (length plus girth). Rates in table below.

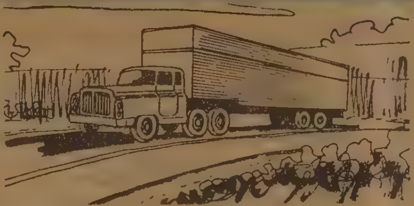
10¢ per ounce, up to 3 ounces

Wt., Lbs.	Zones					
	1, 2, 3	4	5	6	7	8
1	$0.80	$0.80	$0.80	$0.80	$0.80	$0.90
1-1½	.98	1.02	1.07	1.14	1.18	1.24
1½-2	1.16	1.23	1.34	1.47	1.55	1.64
2-2½	1.40	1.48	1.62	1.79	1.91	2.08
2½-3	1.64	1.73	1.90	2.11	2.27	2.48
3-3½	1.88	1.98	2.18	2.43	2.63	2.88
3½-4	2.12	2.23	2.46	2.75	2.99	3.28
4-4½	2.36	2.48	2.74	3.07	3.35	3.68
4½-5	2.60	2.73	3.02	3.39	3.71	4.08
Add per lb.	48¢	50¢	56¢	64¢	72¢	80¢

See Pages 449 and 450 for Additional Information

IMPORTANT ORDERING INFORMATION

TE: On Cash Orders, Be Sure to Include All Transportation rges. A Handling Charge of 50¢ Will Be Applied on Cash ders Under $5.00. (Use Tables on These Two Pages to Calu- ate Charges.) On Credit Fund Orders, Allied Will Ship All rchandise Prepaid and Transportation Charges Will Be ded To Your Credit Fund Account.



SHIPMENT OF NON-MAILABLE ITEMS

d will ship your order the best and lowest cost way. Items ghing up to 30 lbs. and otherwise mailable will usually be Parcel Post. (See chart on page 448.) Items not mailable ause of size or weight restrictions or because of their fragile re are generally shipped as follows: Items with suffix letter in Stock No. are either oversize for mail handling or fragile and are usually shipped Express. Items with suffix letter "W" or "Z" are heavier items and are usually shipped by Truck. Calculate charges from appropriate tables below. Express charges usually include home delivery to urban areas, and in some cases to rural areas. Further information on this available from your local R.E.A. office.

EXPRESS SHIPMENTS

Wt., Lbs.	Local to 150 mi.	151 to 300 mi.	301 to 600 mi.	601 to 1000 mi.	1001 to 1400 mi.	1401 to 1800 mi.	Over 1800 miles
0	$5.50	$5.50	$ 5.50	$ 5.60	$ 5.75	$ 6.20	$ 6.40
-20	5.50	5.50	6.50	6.75	7.05	8.00	8.30
-30	5.65	5.95	6.85	7.85	8.35	9.75	10.20
-40	6.00	6.45	7.65	9.00	9.65	11.50	12.10
-50	6.40	6.95	8.45	10.15	10.90	13.25	14.00
-60	6.80	7.45	9.25	11.30	12.20	15.00	15.95
-70	7.15	7.95	10.05	12.40	13.50	16.75	17.85
-80	7.55	8.45	10.85	13.55	14.80	18.50	19.75
-90	7.95	8.95	11.60	14.70	16.10	20.25	21.65
-100	8.30	9.40	12.35	15.70	17.25	21.85	23.35
er 100 lbs., d per lb.	7¢	8¢	12¢	15¢	17¢	22¢	23¢

TRUCK SHIPMENTS

Wt., Lbs.	Under 150 mi.	151 to 300 mi.	301 to 500 mi.	501 to 750 mil.	751 to 1000 mi.	1001 to 1500 mi.	Over 1500 mi.
Under 100 lbs.	5.50	6.04	7.09	8.20	9.02	9.50	10.65
Over 100 lbs., Add per lb.	4¢	4¢	5¢	8¢	9¢	9¢	11¢

HOME DELIVERY CHARGES ON TRUCK SHIPMENTS

truck shipments consigned to the following states, add $5.25 to the above rates, if delivery is to be made to esidence:

Alabama
Connecticut
Delaware
District of Columbia
Florida
Georgia
Indiana
Iowa
Kentucky
Maine
Maryland
Massachusetts
Michigan
Minnesota
Mississippi
Missouri
New Hampshire
New Jersey
New York
North Carolina
Ohio
Pennsylvania
Rhode Island
South Carolina
Tennessee
Vermont
Virginia
West Virginia
Wisconsin

AIR FREIGHT AND AIR PARCEL POST SHIPMENTS

"Rush" orders will be shipped via air freight, Air Express, or Air Parcel Post upon your request. Contact your local express or postal agent for information concerning shipping costs. Air Freight and Air Parcel Post charges should be included with remittance on cash orders.

SHIPMENTS DIRECT FROM FACTORY

letter "F" at the end of our Stock Nos. indicates merchandise that is shipped ctly from the factory collect by Express or truck only. Freight and Express rges are based upon the distance from *factory* to point of destination.

Following Page for Additional Information

ALLIED GUARANTEES YOUR SATISFACTION OR YOUR MONEY BACK

If for any reason, you are not satisfied with your purchase, return it to us within 30 days in the original factory carton and we will exchange it or return your money (less transportation charges). Merchandise returned must not have been abused or altered. This policy does not apply to kits. See kit guarantees at right.

SERVICE AND REPLACEMENT GUARANTEE: All merchandise is guaranteed to be free of defects in material and workmanship for the period of time specified in the listing of the product. Where no time is specified, the guarantee is for 90 days. Wherever so indicated in our listing of the product we will replace it. Wherever our listing does not specify we will either replace it or repair it at our option. Item must be returned prepaid for our inspection.

KNIGHT-KIT GUARANTEE: All parts in kits are guaranteed to be free from defects in material or workmanship for 90 days. During this period we will replace or repair at our option any defective part returned to us. If your kit does not function properly when fully wired, it may be returned to us prepaid for inspection. If failure to function is due to improper wiring or handling, we will make the necessary corrections or repairs at modest charges. These charges vary with each kit and are shown in a price sheet enclosed with each kit.

OTHER KITS: Kits of manufacturer's other than Allied carry the same guarantee as above, except that Allied does not repair or rewire them. They must be returned to the manufacturer, who will determine the charges where applicable.

IF IT IS NECESSARY TO WRITE TO US

We return your order papers with an invoice that summarizes prices and transportation charges. If you write to us about your order, please include all order papers and any correspondence that we have returned to you. If you don't have the order papers, provide us with the Stock Numbers, and description of the merchandise, the name and address that appeared on the original order, and the date of the order.

LOCAL SERVICE FACILITIES

In many instances, our suppliers maintain service facilitie around the country. Be sure to read your instruction manua If it is necessary to return merchandise for service, write i advance—we will be able to advise you if service is availabl in your locality. This especially applies to High-Fidelity Com ponents, Tape Recorders, Radios, Record Turntables an Television Sets.

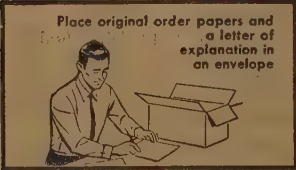
IF YOU FIND IT NECESSARY TO RETURN MERCHANDISE

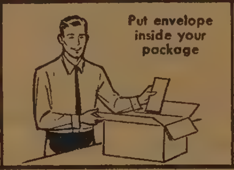
Returned Merchandise Should Be Shipped to Allied in Its Original Factory Carton, with All Papers, Correspondence, Instructions, Etc. Included. Also Return All Accessories That Came with The Merchandise (Test Equipment Probes, Cases, Books, Instruction Manuals). This Will Assure Fastest Adjustments with No Delays in Handling.

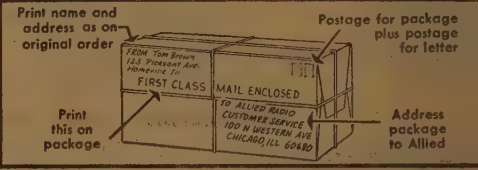
Parcel Post. Place instructions, all papers and correspondence in an envelope inside package. Mark "First Class Mail Enclosed" and add extra postage for letter. Be sure to insure the package.

Express and Truck. Place all papers in a stamped, seale envelope inside the package. Date envelope and draw line across the stamp with ink. Your name and address should b on envelope and package.

SHIP PREPAID TO: Allied Radio Corporation, Customer Service Dept.
100 N. Western Ave., Chicago, Illinois 60680


Place original order papers and a letter of explanation in an envelope


Put envelope inside your package



IF YOUR ORDER IS RECEIVED DAMAGED

If Parcel Post shipments are received damaged, contact our Customer Service Department by letter. In case of truck or express shipments, if there is apparent or obvious damage, be sure this is noted on the receipt when you sign for delivery. If you find concealed damage upon opening your shipment, retain all packing materials (both internal and external) and contact your carrier to obtain an inspection. In either cas return all papers, delivery receipt and inspection report to u and wait for our instructions on how to return goods. (In orde to make adjustments as quickly as possible, we recommen that all shipments be opened and inspected immediately fo damage.)

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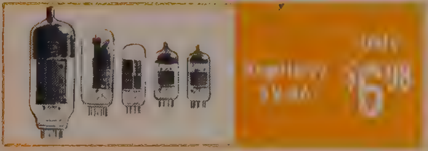

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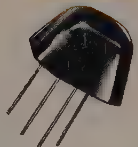
25 C 51	1K3/1J3	1.53	1.36	1.22
25 C 51	1V2	1.15	1.02	.92
25 C 51	1X2B/1X2A	1.53	1.36	1.22
25 C 51	2CY5	1.80	1.60	1.44
25 C 51	3A3A/3B2	1.44	1.28	1.15
25 C 51	3AT2	1.37	1.22	1.10
25 C 51	3BZ6	1.33	1.18	1.06
25 C 51	3CB6/3CF6	1.33	1.18	1.06
25 C 51	3DK6	1.33	1.18	1.06
25 C 51	3DT6A	1.33	1.18	1.06
25 C 51	3GK5	1.89	1.68	1.51
25 C 51	3GS8/3BU8	2.00	1.78	1.60
25 C 51	3V4	1.53	1.36	1.22
25 C 51	4BZ6	1.33	1.18	1.06
25 C 51	4CB6	1.28	1.14	1.03
25 C 51	4DT6A	1.33	1.18	1.06
25 C 51	4EH7	1.60	1.42	1.28
25 C 51	4EJ7	1.60	1.42	1.28
25 C 51	5AR4	1.91	1.70	1.53
25 C 51	5AQ5	1.33	1.18	1.06
25 C 51	5CG8	1.67	1.48	1.33
25 C 51	5U4GB	1.15	1.02	.92
25 C 51	5U8	1.73	1.54	1.39
25 C 51	5Y3GT	1.01	.90	.81
25 C 51	6AF4A	1.85	1.64	1.48
25 C 51	6AG5	1.53	1.36	1.22
25 C 51	6AK5/EF95	2.14	1.90	1.71
25 C 51	6AL5	1.01	.90	.81
25 C 51	6AM8A	1.67	1.48	1.33
25 C 51	6AN8A	1.94	1.72	1.55
25 C 51	6AQ5A	1.33	1.18	1.06
25 C 51	6AR11	2.03	1.80	1.62
25 C 51	6AS5	1.46	1.30	1.17
25 C 51	6AU4GTA	1.80	1.60	1.44
25 C 51	6AU6A	1.08	.96	.86
25 C 51	6AU8A	2.21	1.96	1.76
25 C 51	6AV6	.88	.78	.70
25 C 51	6AW8A	1.73	1.54	1.39
25 C 51	6AX4GTB	1.33	1.18	1.06
25 C 51	6AY3B	1.53	1.36	1.22
25 C 51	6BA6/EF93	1.08	.96	.86
25 C 51	6BC8	1.87	1.66	1.49
25 C 51	6BE6	1.28	1.14	1.03
25 C 51	6BH8	2.07	1.84	1.66
25 C 51	6BJ6	1.46	1.30	1.17
25 C 51	6BK4B	3.40	3.02	2.72
25 C 51	6BK7B	1.80	1.60	1.44
25 C 51	6BL7GTA	2.27	2.02	1.82
25 C 51	6BL8/ECF80	1.21	1.08	.97
25 C 51	6BN6	1.67	1.48	1.33
25 C 51	6BN8	1.67	1.48	1.33
25 C 51	6BQ5/EL84	1.46	1.30	1.17
25 C 51	6BQ6GTB/6CU6	2.00	1.78	1.60
25 C 51	6BQ7A	1.87	1.66	1.49
25 C 51	6BR8A/6FV8A	1.94	1.72	1.55
25 C 51	6BU8	1.87	1.66	1.49
25 C 51	6BZ6	1.21	1.08	.97
25 C 51	6BZ7	1.87	1.66	1.49
25 C 51	6C4	1.01	.90	.81
25 C 51	6CB6A/6CF6	1.28	1.14	1.03
25 C 51	6CD6GA	2.61	2.32	2.09
25 C 51	6CG7	use 6FQ7/6CG7		
25 C 51	6CG8A	1.60	1.42	1.28
25 C 51	6CL6	1.87	1.66	1.49
25 C 51	6CL8A	1.87	1.66	1.49
25 C 51	6CM7	1.46	1.30	1.17
25 C 51	6CQ8	1.67	1.48	1.33
25 C 51	6CU5	1.60	1.42	1.28
25 C 51	6CX8	2.14	1.90	1.71
25 C 51	6CW4	2.21	1.96	1.76
25 C 51	6CY5	1.80	1.60	1.44
25 C 51	6DE4	1.60	1.42	1.28
25 C 51	6DE6	1.33	1.18	1.06
25 C 51	6DK6	1.33	1.18	1.06
25 C 51	6DQ5	3.54	3.14	2.83
25 C 51	6DR7	2.07	1.84	1.66
25 C 51	6DT6A	1.21	1.08	.97
25 C 51	6DW4B	1.58	1.40	1.26
25 C 51	6EA8	1.60	1.42	1.28
25 C 51	6EB8	2.27	2.02	1.82
25 C 51	6EH7/EF183	1.73	1.54	1.39
25 C 51	6EJ7/EF184	1.60	1.42	1.28
25 C 51	6EM5	1.67	1.48	1.33
25 C 51	6EM7	2.34	2.08	1.87
25 C 51	6EW6	1.21	1.08	.97
25 C 51	6FG7	1.87	1.66	1.49
25 C 51	6FQ7/6CG7	1.06	.94	.85
25 C 51	6GE5	1.73	1.54	1.39
25 C 51	6GF7A	2.18	1.94	1.75
25 C 51	6GH8A	1.44	1.28	1.15
25 C 51	6GK6	1.53	1.36	1.22
25 C 51	6GM6	1.46	1.30	1.17
25 C 51	6GN8	1.94	1.72	1.55
25 C 51	6GU7	1.53	1.36	1.22
25 C 51	6GW6/6DQ6B	1.89	1.68	1.51
25 C 51	6GW8/ECL86	1.37	1.22	1.10
25 C 51	6GY6	1.31	1.16	1.04
25 C 51	6HM5/6HA5	1.73	1.54	1.39
25 C 51	6HQ5	2.03	1.80	1.62
25 C 51	6HS8/6KF8	1.94	1.72	1.55
25 C 51	6HZ6	1.35	1.20	1.08
25 C 51	6J6A	1.46	1.30	1.17
25 C 51	6JB6A	2.63	2.34	2.11
25 C 51	6JC6A	1.78	1.58	1.42
25 C 51	6JE6A	3.82	3.40	3.06
25 C 51	6JH6	1.33	1.18	1.06
25 C 51	6JS6B	3.29	2.93	2.64
25 C 51	6JT8	1.80	1.60	1.44
25 C 51	6JU8A	1.73	1.54	1.39
25 C 51	6K6GT	1.33	1.18	1.06
25 C 51	6KA8	2.03	1.80	1.62
25 C 51	6KZ8	1.67	1.48	1.33
25 C 51	6L6GC	2.14	1.90	1.71
25 C 51	6S4A	1.33	1.18	1.06
25 C 51	6SN7GTB	1.40	1.24	1.12
25 C 51	6T8A	1.67	1.48	1.33
25 C 51	6U8A/6KD8	1.40	1.24	1.12
25 C 51	6V6GTA	1.46	1.30	1.17
25 C 51	6W6GT	1.67	1.48	1.33
25 C 51	6X4	.95	.84	.76
25 C 51	6X8A	1.53	1.36	1.22
25 C 51	7AU7	1.21	1.08	.97
25 C 51	8AW8A	1.94	1.72	1.55
25 C 51	8FQ7/8CG7	1.06	.94	.85
25 C 51	10DE7	2.00	1.78	1.60
25 C 51	12AD6/12GA6	1.40	1.24	1.12
25 C 51	12AT7/ECC81	1.29	1.14	1.03
25 C 51	12AU6	1.15	1.02	.92
25C 51	12AU7A/ECC82	1.15	1.02	.92
25 C 51	12AV6	.88	.78	.70
25 C 51	12AX4GTB	1.21	1.08	.97
25 C 51	12AX7A/ECC83	1.21	1.08	.97
25 C 51	12AZ7A	1.46	1.30	1.17
25 C 51	12BA6	.95	.84	.76
25 C 51	12BE6	1.15	1.02	.92
25 C 51	12BH7A	1.42	1.26	1.13
25 C 51	12BY7A	1.44	1.28	1.15
25 C 51	12CU5/12C5	1.53	1.36	1.22
25 C 51	12GW6/12DQ6B	1.91	1.70	1.53
25 C 51	22BW3	1.37	1.22	1.10
25 C 51	23Z9	2.12	1.88	1.69
25 C 51	35C5	1.21	1.08	.97
25 C 51	35W4	.74	.66	.59
25 C 51	35Z5GT	1.21	1.08	.97
25 C 51	50C5	1.15	1.02	.92
25 C 51	50EH5	1.21	1.08	.97
25 C 51	50L6GT	1.60	1.42	1.28

Fascinating Solid-State Modules for Hobbyists



Low As

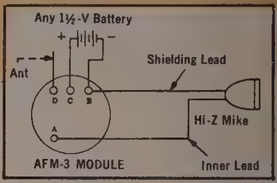
$2.98 Each

SOLID-STATE MODULES

Amazing New Concept in Space-Age Electronics

These modules introduce you to the new world of *micro miniature electronics* at a price any hobbyist or experimente can afford. Each module contains the solid-state circuit fo such electronic devices as amplifier, intercom, PA, more Make connections to battery, switch, speaker or othe accessories (listed below), and create many fascinating an useful electronic devices. Modules are *permanently encap sulated* in practically indestructible plastic nuggets. All ar Quality made in accordance with the best modern engi neering methods. Av. shpg. wt., 6 oz.

Modules are 1½x1¼x 1", except AMP-3 and AFM-3 are 2x1⅛x½".



Intercom Amplifier

AIC-3. Complete solid-state circuit for sensitive intercom. Use with A, two C (or D), H and K below.
24 C 9465 . . . . 2.98

Public Address Amplifier

APA-3. Portable high-gain PA system can be used anywhere. Use with A, C (or D), E, J and L, below.
24 C 9466 . . . . 2.98

Electronic Siren

ASM-3. Loud siren simulates wail of mechanical sirens. Use with A, C (or D), E and F, listed below.
24 C 9469 . . . . 2.98

CB Microphone Preamp

AMP-3. Doubles output of your mike. Use with E and M, below. Requires shielded mike cable, 1½-V battery.
24 C 9470 . . . . 2.98

Electronic Burglar Alarm

ABA-3. High-volume siren protects lives and property. Use with A, C (or D), E and G, listed below.
24 C 9471 . . . . 2.98

Telephone Amplifier

ATA-3. Telephone amplifier permits group telephone listening. Use with A, C (or D), E, L and P, below.
24 C 9472 . . . . 2.98

AM Wireless Mike Transmitter

AWM-3. Transmit into your AM radio. No license required, using antenna up to 10-ft. long. Input is under 100 mW. Use with B, J, below.
24 C 9473 . . . . 2.98

FM Wireless Mike Transmitter

AFM-3. Transmit your voice to your FM radio. No license required. Use with J, below, and 1½-V battery.
24 C 9474 . . . . 2.98

New Shortwave Converter

CM-S. Receive shortwave stations usin AM radio. Tunes 25, 31, 41-mete bands (7-12 MHz). Use B, below.
24 C 9462. Shpg. wt., 8 oz. 5.0

New VHF Police, Fire Converter

CM-P. Receive police, fire calls usin AM radio with this complete module Tunes 30-50 MHz. Use B, below.
24 C 9463. Shpg. wt., 8 oz. 5.0

New VHF Aircraft Converter

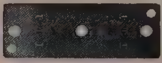
CM-A. Receive aircraft and contro tower transmission using AM radic Tunes 118-128 MHz. Use B, below.
24 C 9464. Shpg. wt., 8 oz. 5.0

NEW at ALLIED

BLOCK MODULE

Each:
2½x1¼x⅞"

FREE
Mounting Board Is Included with Each Midland Module



Dual Flasher Module. Electronic switch for alternately flashing 2 miniature bulbs. Use with 6-V, 100 or 200 mA bulb. For warning lights; model cars, railroads; attention getters. Japan,
24 C 9489. Shpg. wt., 6 oz. 1.98

MIDLAND SOLID-STATE MODULES

14-640 Phono Preamp. Amplifies magnetic type cartridges 0.5 V to 1.0 V RIAA curve characteristic. Flat response. Use 9-12 VDC supply. Japan.
24 C 9490. Shpg. wt., 6 oz. 2.49

14-641 Tape Preamp. Can amplify tape head up to 0.5 V to 1.0 V. NARTB curve characteristic. Flat response. Use as pre-amp for hi-fi amplifier used with tape deck. Japan.
24 C 9491. Shpg. wt., 6 oz. 2.49

14-643 Power Amplifier. Can produce up to 300 mW when combined with 14-640, or 14-641 (above). Use with 8 or 16-ohm speaker. Japan.
24 C 9492. Shpg. wt., 6 oz. 2.98

14-644 FM Transmitter Module. Transmit on 88 to 108 MHz through FM re ceiver up to 50 yards away. Use with 14-640 or 14-641. Japan.
24 C 9493. Shpg. wt., 6 oz. 2.9

14-646 Electronic Organ Module. Tone oscillator specifically designed for us with electric organs. Can be adjuste to raise key pitch as much as 2 octaves. Japan.
24 C 9494. Shpg. wt., 6 oz. 1.9

14-648 Wireless Code Oscillator. Transistorized. For code practice. Use with N, below, and any PM speaker, 3 t 9-V battery. Japan.
24 C 9495. Shpg. wt., 6 oz. 1.9

SELECTED ACCESSORIES FOR USE WITH MODULES

A **Type 510S 6-Volt Lantern Battery.** For modules above.
18 C 5085. Shpg. wt., 1½ lbs. . . 92¢

B **Knight 9-Volt Battery.** 6 oz.
18 C 5980 . . . Pkg. of 2 for 59¢

C **8" Round Speaker, 8 Ohms.** Ideal for use with modules requiring an efficient quality PM speaker.
24 C 9530. Wt., 1½ lbs. 2.49

D **4" Square Speaker, 8 Ohms.** For use with low-output modules.
24 C 9533. Wt., 12 oz. . . . . 79¢

E **Type 41047 Rotary SPST Switch.** Use as on-off with modules.
56 C 4165. Shpg. wt., 2 oz. . . . . 45¢

F **Type 188 Pushbutton Switch.** Momentary-contact SPST switch.
56 C 4890. Wt., 2 oz. . . . . 46¢

G **Type BRD2-5L-IS Interlock Switch.** Flat base, solder terminals.
56 C 3971. Wt., 4 oz. 2.00

H **Type G342 4PDT Switch.** 4PDT slide switch for use with Intercom module. Has solder-lug terminals. Shpg. wt., 3 oz.
56 C 5036 . . . . 65¢

J **Crystal Lapel Mike.** High-impedance mike. Response: 60-5000 Hz,—50 dB output. From Japan.
24 C 9881. Shpg. wt., 4 oz. . . . . 98¢

K **Type U-12 5000-Ohm Control.** Volume control.
46 C 3751. Wt., 3 oz. 1.02

L **Type U-53 1-Megohm Control.**
46 C 3776. Wt., 3 oz. 1.02

M **Type U-48 ½-Megohm Control.**
46 C 3773. Wt., 3 oz. 1.02

N **Telegraph Key.** Fully adjustable key has brass base with shorting bar, silver contacts. 2 lbs.
17 C 6656 . . . . 2.35

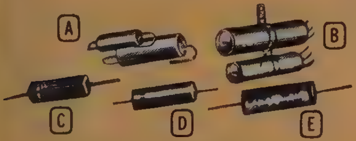
P **Magnetic Telephone Pickup.** Attaches to phone with suction cup. Shielded cable.
24 C 9392. Shpg. wt., 4 oz. . . . . 98¢

Component Part Bargains at Unbeatable Prices

Disc Ceramic Capacitors by Famous Manufacturers

48 for 98¢

Stock up on these quality disc ceramic capacitors. Generous 48-piece assortment includes values from 2 pF to 1000 pF at 50-5,000 VDC. All are manufactured in America. All have parallel wire leads. Shpg. wt., 8 oz.
24 C 9958................**Pkg. of 48 for 98¢**



Capacitor Bargains

Standard Brands, Popular Values

A **Single-Section Electrolytics.** Aluminum cans. 3″ axial leads. 4 oz.

Stock No.	µF	WVDC	EACH
24 C 9988	150	150	.75
24 C 9989	200	200	.98
24 C 9990	20	450	.49
24 C 9991	40	450	.59
24 C 9992	80	450	.89

B **Multisection Capacitors.** Wax filled. Tinned leads. Mounting strap. 4 oz.

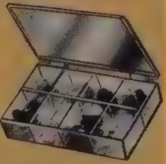
Stock No.	µF	WVDC	Size	EACH
24 C 9993	50-30	150	2⅝x1″	.45
24 C 9994	50-30-20	150	2⅝x⅞″	.69
24 C 9995	80-40	150	2⅝x1″	.79

C **Plastic Molded and Ceramic Capacitors.** Less than 4¢ each! Selection of popular values for every need, in voltages from 50 to 6000 volts. 10 oz.
24 C 9962................**Pkg. of 25 for 98¢**

D **Tubular Capacitors.** Wax impregnated. U.S.-made standard brands. 100 to 1000 WVDC. Axial leads. 12 oz.
24 C 9584..................**Pkg. of 40 for 98¢**

E **Ceramic Tubulars.** Values from 1 µF to 3000 µF. Most are NPO and N750 temperature coefficient types. 3 oz.
24 C 9357...............**Pkg. of 100 for 98¢**

Bargain Assortments in Plastic Cases



Miniature Electrolytics. For solid-state. **5 ea:** 10µF, 16 WVDC; 20 µF, 20 WVDC; 30 µF, 6 WVDC; 50, 100 µF, 3 WVDC. **5 ea:** 2 other values. Wt., 8 oz.
24 C 9265.....40 for 3.95

½-Watt Resistor Assortment. (Not illus.) **8 Each:** 1000, 47K, 100K, 270K, 1.0 meg; **7 each:** 4700, 10K, 220K, 212 meg; **5 Each:** 3300, 22K, 27K, 33K, 330K, 4.7 meg; **4 Each:** 100, 470, 1500, 2200, 2700, 56K, 68K, 313 meg; **3 Each:** 47, 220, 270, 10 meg. Wt., 4½ lbs.
24 C 9190..............**Pkg. of 150 for 5.98**

72-Pc. Capacitor Assortment (Not illus.) Ceramic or molded. **Fifteen:** .01; **twelve:** .05; **eight:** .005, .02, .1; **five:** .001, .002, .047; **two:** .0047, .03, .25 µF. Clear plastic case.
24 C 9196. Shpg. wt., 2 lbs.......**72 for 5.98**

Carbon Resistor Assortment

Low As $1.29 **Stock Up Now At Big Savings**

½ Watt. Famous brands. ±10% tolerance. Two each: 3.9, 10, 12, 15, 22, 27, 39, 82, 120, 150, 180, 270, 390, 470, 560, 680, 820, 1200, 1800, 2700, 3300, 3900, 5600, 6800, 8200, 12K, 18K, 22K, 27K, 33K, 39K, 68K, 82K, 100K, 120K, 150K, 330K, 390K, 470K, 680K, 820K ohms; 1, 1.5, 1,8, 2.2, 3.3, 56., 6.8, 8.2, 10 megs. Shpg. wt., 5 oz.
24 C 9660..........................**Pkg. of 100 for 2.98**

½ Watt. Two each: 10, 12, 15, 18, 22, 27, 33, 39, 47, 56, 68, 82, 100, 120, 150, 180, 220, 270, 330, 390, 470, 560, 680, 820, 1000, 1200, 1500, 1800, 2200, 2700, 3300, 3900, 4700, 5600, 6800, 8200, 10K, 12K, 15K, 18K, 22K, 27K, 33K, 39K, 47K, 56K, 68K, 82K, 100K, 120K, 150K, 180K, 220K, 270K, 330K, 390K, 470K, 560K, 680K, 820K; 2 each 1-15 megs.
24 C 9377. Shpg. wt., 10 oz..........**Pkg. of 150 for 3.95**

¼, ½, 1, 2 Watt. 25 ¼-watt, 100 ½-watt, 25 1-watt, 50 2-watt. Tolerances of ±5% and ±10%. Color coded. Wt., 10 oz.
24 C 9285........................**Pkg. of 200 for 3.49**

½, 1, 2 Watt. 40 ½-watt, 30 1-watt, 30 2-watt.
24 C 9329. (±5% and ±10% tol.) 5 oz. **Pkg. of 100 for 1.98**

½ Watt. 100 popular values. ±10%. Color coded.
24 C 9699 R. Shpg. wt., 5 oz.........**Pkg. of 100 for 1.98**

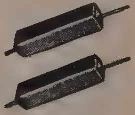
¼ Watt. 50 most-wanted values. ±5% and ±10%.
24 C 9488. Shpg. wt., 4 oz............**Pkg. of 50 for 1.29**

½-Watt Insulated Film Resistors

150 for $2.98

For the first time! 150 ½-watt film-type resistors in an assortment of most popular values—less than 2¢ each! Values from 80 ohms to 20 megs. ±1% tolerance. Shpg. wt., 8 oz.
24 C 9503..Pkg. of 150 for 2.98

Power Resistor Assortment



100 for $1.98

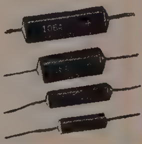
Wire-wound axial lead power resistors. Includes 25 values from 3 watts to 35 watts. Compact size. Ceramic case. 10% tolerance. Install flat or stacked. Wt., 10 oz.
24 C 9286. Pkg. of 100 for 1.98
24 C 9960. 25-Pc. Assortment. Power rating 3 to 10 watts. 6 oz.......**25 for 98¢**

Mica Capacitor Assortment

250 for 98¢

Here is a great opportunity to stock up on quality Duramica capacitors. 250-piece assortment includes popular values from 33 pF to 400 pF. All have axial wire leads. Wt., 12 oz.
24 C 9288. Pkg. of 250 for 98¢

40 Miniature Electrolytics

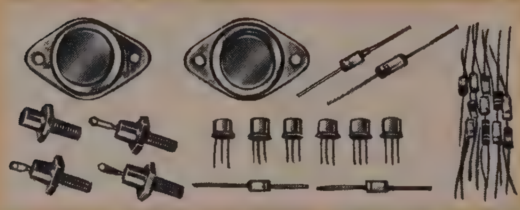


40 for $3.95

For printed circuit use. 5 Each: 2 µF, 25 WVDC; 10 µF, 15 µF @ 6 WVDC; 2 µF, 10 µF @ 25 WVDC; 10 µF, 20 µF @ 50 WVDC; 90 µF, 3 WVDC. In plastic storage case. Wt., 8 oz.
24 C 9289........40 for 3.95

Big Selection of Values for the Experimenter

38-Piece Semiconductor Assortment



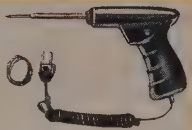
$\$1^{98}$

- Wide Variety of Quality Semiconductors
- Ideal for Hobbyists and Experimenters
- Cost Less than 6¢ Each per Item

Handy assortment contains a wide variety of quality semiconductors for use by technicians, experimenters and hobbyists. Assortment includes: 4 PNP transistors, 4 NPN transistors, 2 power transistors (in TO-3 case), 4 silicon rectifiers (rated 2 amps), 20 germanium diodes and 4 zener diodes (rated ¾ watt). Shpg. wt., 4 oz.
24 C 9477....................................1.98

Soldering Gun

$\$1^{79}$



Compact, lightweight 30-watt soldering gun has 3-inch long-life copper tip. Ideal for reaching hard to get at locations. Balanced handle. 3′ cord. 10″ long. U. L. Listed. For 110-120 V, 60 Hz AC. Japan.
24 C 9847. Shpg. wt., 2 lbs....1.79

Dual-Pack Solder

2 for 79¢

Includes Rosin and Acid-Core Types

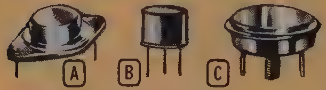
A solder for every use—for hobbyist, radio and TV experimenter, serviceman. Both solders are 40/60 tin/lead alloy. 5′ length ea. Rosin core for electronics; acid-core for general use.
24 C 9316. 4 oz. Pkg. of 2 for 79¢

Epoxy Silicon Rectifiers

Low as 2 for 59¢

Top-quality, ideal for application in all types of hi-fi, radio, and TV power supplies. All have 750-mA output. 1½″ axial leads, epoxy construction. Pkg. of 2. Shpg. wt., 3 oz.
24 C 9692. PIV 200........2 for 59¢
24 C 9669. PIV 400........2 for 77¢
24 C 9693. PIV 600........2 for 99¢
24 C 9572. PIV 800........2 for 98¢
24 C 9573. PIV 1000......2 for 1.39

Variety of Transistor Values For Replacement and Design



2 for	4 for	4 for	Each
79¢	88¢	88¢	87¢

A Audio Power Transistors. 2N176 for audio power amplifiers. Rated 3 amps at 30 VDC. Beta, 25V; I_{CBO}, 3 mA; Gain; 33.5 dB. For 6, 12, 28-volt circuits.
24 C 9633. 4 oz.....Pkg. of 2 for 79¢

B IF-RF PNP Transistors. At his low price, they're an unbeatable bargain. Four IF-RF PNP transistors for replacement and design application. Axial leads. F_{AB}, 10 MHz; BV_{CBO}, 25 volts; I_C peak, 400 mA.
24 C 9642. 4 oz.....Pkg. of 4 for 88¢

B NPN Transistors. Check this bargain. Four NPN Transistors for less than 25¢ each. Equivalents of 2N168, 2N-169, and 2N170. BV_{CBO}, 15 V; BV_{CER}, 10 V; I_C peak, 400 mA.
24 C 9643. 4 oz.....Pkg. of 4 for 88¢

C 40-Watt PNP Transistor. A special Allied bargain. It's a germanium-alloy junction type. Rated 15 A at 30 volts. Replaces Delco Type 501, Bendix 2N278 and 2N173, etc.
24 C 9634. Shpg. wt., 3 oz.......87¢

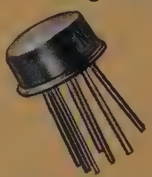
Photo-Multiplier Transistor

$\$1^{89}$

- Basic Photo Control Power Unit
- Hundreds of Useful Applications

Make your own photo-control system. Ideal for door openers, burglar alarms, door chimes, counters, electronic targets and toys, etc. Includes complete easy-to-follow instructions for various photo control applications. Wt., 4 oz.
24 C 9478....................1.89

Integrated Circuit Kit



$\$5^{95}$

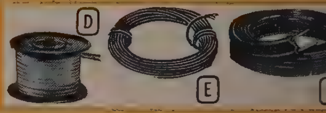
Designed for Experiments in Linear Applications

Kit includes Fairchild NJS716 medium-power, low-distortion audio amplifier integrated circuit. Has gains to 10, 20, 100, 200. I.C. contains 11 transistors, 6 diodes, 18 resistors. With booklet, detailed instructions.
24 C 9268. Shpg. wt., 1 oz......5.95

Famous-Brand Zener Diodes

2 for 88¢

Each has a 1 to 2-watt power rating. Axial leads. ±10%. Pkg. of 2. Wt., 2 oz.
24 C 9358. 3.9 V..........2 for 88¢
24 C 9359. 6.8 V..........2 for 88¢
24 C 9361. 12 V...........2 for 88¢
24 C 9362. 18 V...........2 for 88¢
24 C 9363. 33 V...........2 for 88¢
24 C 9340. Assortment of 12. 250-mm to stud-mount. 1 W 2.7 to 33 V. 4 oz. 1.98



D Unbeatable Values in 100-ft. Spools of Wire

Less than 1¢ per foot. 22-gauge hook-up wire on 100-ft. spools. Stock up now at this low price. Stranded, with vinyl insulation. Wt., 1 lb.

Stock No.	Color	EACH
24 C 9496	Yellow	.98
24 C 9497	White/Black	.98
24 C 9498	White/Yellow	.98
24 C 9499	White/Blue	.98

E Package of Ten 25-Ft. Coils

Convenient coils of stranded copper hookup wire. Assorted colors. 22 gauge, Vinyl insulation.
24 C 9935 1¾ lbs. Pkg. of 10 for 98¢

F UHF/VHF Twin-Line

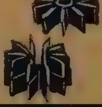
Foam-filled tubular 300-ohm all-channel TV-FM twin line. Moisture resistant. Black polyethylene. Wt., 1½ lbs.
24 C 9501.........50-ft. Coil for 98¢

Giant Value in a Handy Heat-Sink Assortment

Developed to dissipate heat from transistors. Contains eight 10-fin heat sinks for JEDEC TO-5 transistor cases and four to fit JEDEC TO-18. Don't pass up this exceptional value. Shpg. wt., 4 oz.
24 C 9367...............Pkg. of 12 for 1.98

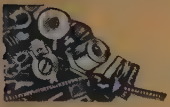
Protect Transistors from Heat Damage

12 for $\$1^{98}$



Stock Up Now on Bargain Counter Specials

5-Lb. Hardware Assortment

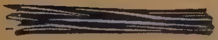


98¢

Nuts, bolts, screws, eyelets, rivets, clamps, springs, grommets, washers, wood and sheet metal screws.
24 C 9724. . . . 5 lbs. for 98¢

50-Ft. Spaghetti Assortment

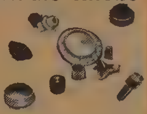
59¢



Insulated sleeving assortment includes twenty 30″ lengths. Various diameters, colors, finishes.
24 C 9018. Wt., 8 oz. . . 59¢

Assorted Molded Plastic Radio Knobs

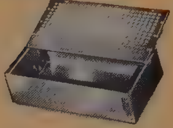
98¢



Assorted colors. Fluted or grooved. 1½ lbs.
24 C 9287. Pkg. of 50 . . . 98¢
24 C 9282. TV Knobs. For most makes. Pkg. of 50 . 1.98

Chassis Kit

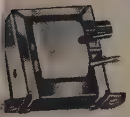
$\$3^{75}$



With Breadboard

Aluminum frame expands, stacks, couples. Phenolic mtg. board, panel, rails. 2x 4x7″. 50 solderless terminals.
24 C 9210. Wt., 10 oz. . . 3.75

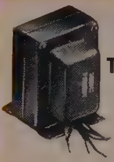
Power Transformer for Solid-State Devices



$\$3^{97}$

Full-wave or bridge rect. 1500V test. Tapped pri., 115V; and sec., 10-20-40V at .035 A. 1⅛ x 2⅜ x 1⅜″. Shpg. wt., ½ lb.
54 C 4731 . . . . 3.97

Transistor Power Transformer

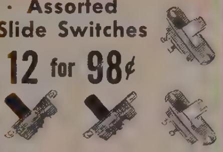


$\$1^{98}$

Hundreds of applications. Primary is for 115V, 60 Hz AC. 2 secondaries: 6.3 V at 1 A; 65 V center-tapped at 400 mA. 3x2⅞x2½″.
24 C 9966. Wt., 4 lbs. . . 1.98

Assorted Slide Switches

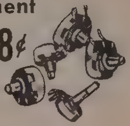
12 for 98¢



You get SPST, SPDT, DPST, DPDT slide switches—under 9¢ each. Rated ½ to 3 amps, 125 V. U.L. listed. Shpg. wt., 9 oz.
24 C 9865 . . . . . Pkg. 12/98¢

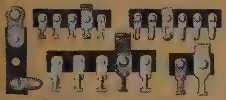
Volume Control Assortment

10 for 98¢



Ideal for experimenters or servicemen. You get: 500-ohm, 2500 ohm, 100K, 500K, 1 meg, plus 5 other values. Shpg. wt., 8 oz.
24 C 9314 . . . . . Pkg. 10/98¢

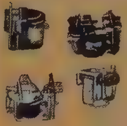
Terminal Strips



100 for 98¢

Assorted bakelite strips with 1 to 6 terminals each. ⅜″ wide. Many electronic applications. For hobbyist or shop. Shpg. wt., 12 oz.
24 C 9582. . . . . Pkg. 100/98¢

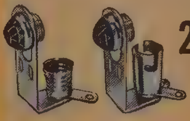
Relay Assortment



4 for $\$1^{69}$

A selection of four relays with popular coil voltages and contact ratings to give you a wide range of applications. Shpg. wt., 8 oz.
24 C 9199 . . . . . Pkg. 4/1.69

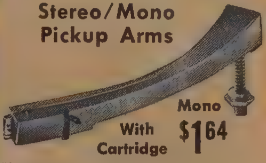
Dial Light Assemblies



29¢

Miniature lamps with ½″ faceted lens. Mount in 7/16″ holes. Shpg. wt., 2 oz.
24 C 9202. Screw Base . . 29¢
24 C 9203. Candelabra . 29¢
24 C 9206. Bayonet. . . . . 29¢

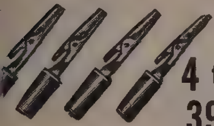
Stereo/Mono Pickup Arms



Mono With Cartridge $\$1^{64}$

Has turnover cartridge with two synthetic sapphire needles. For manual phonos. From Japan. Wt., 8 oz.
24 C 9580. Stereo 1.94
24 C 9579. Monaural. . . 1.64

Alligator Clips



4 for 39¢

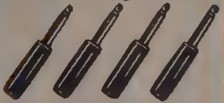
Adapt banana plug to clip, or accept wires. Screw terminals. ⅜″ steel. Wt., 3 oz.
24 C 9266. Red . . . . . . 4/39¢
24 C 9267. Black. . . . . 4/39¢

Quality Audio Cables

Low as 2 for 67¢

Shielded, pin plugs on both ends. 8 oz. Japan.
24 C 9608. 18″ Cable . 2/67¢
24 C 9609. 36″ Cable . 2/84¢
24 C 9870. 72″ Cable . 2/98¢

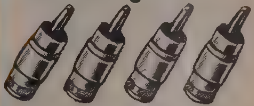
Phone Plug Value



4 for 98¢

Nickel-plated brass plugs with screw terms. 2⅞″ long, ¼″ dia. Wt., 12 oz.
24 C 9225. Black . Pkg. 4/98¢
24 C 9226. Red . . Pkg. 4/98¢

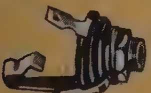
Phono Plug Value



4 for 98¢

Shielded handle easily removes for access when soldering. 1 3/32″ handle. Shpg. wt., 5 oz.
24 C 9512 . . . . . . Pkg. 4/98¢

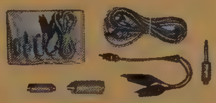
2-Cond. Phone Jacks



5 for 98¢

Great buy! Open circuit 2-conductor jacks accept standard ¼″ plugs. Shpg. wt., 6 oz.
24 C 9227 . . . . . . Pkg. 5/98¢

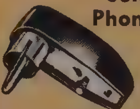
Cable-Plug Kit



6-Pc. Set $\$1^{98}$

72″ shielded cable, 2 phono plugs; 9″ cable, phono plug, 2 alligator clips; 2 couplers; 1 adapter; case. Japan.
24 C 9877. Wt., 8 oz. . . 1.98

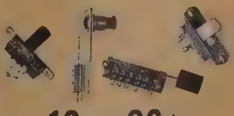
Solderless Phono Plugs



3 for 69¢

Strip wire, insert in shell, tighten screws. Right-angle. For ⅜″ dia. shld. cable. Shpg. wt., 2 oz.
24 C 9260 . . . . . . Pkg. 3/69¢

Assorted Switches

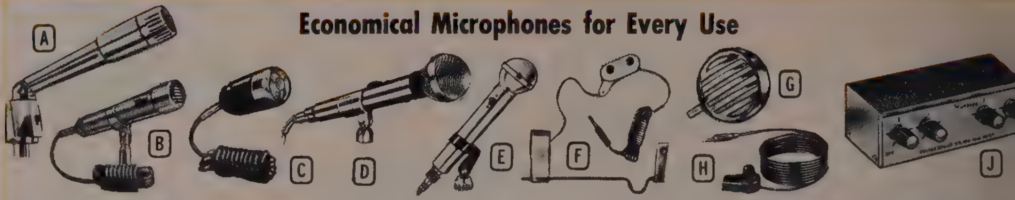


12 for 98¢

Push-to-talk (4-PDT); momentary contact (SPST); slide (5 ea. SPST, 3 ea. SPDT); 2 others. Wt., 10 oz.
24 C 9502 . . . . . Pkg. 12/98¢

Big Values in Selected Mikes and Speakers

Economical Microphones for Every Use



A **Dynamic Mike.** Features wide 175° pickup pattern, 50-14,000 Hz response. Dual impedance, 600 ohms or hi-Z. 20-ft. shielded cable. Less stand. From Japan.
24 C 9348. Shpg. wt., 3 lbs......**9.95**

B **Slim Crystal Mike.** Slim-line styled mike, ideal for hand use. Hi-Z. Handy on-off switch. Response, 100-9000 Hz. 6-ft. cable. From Japan.
24 C 9587. Shpg. wt., 8 oz......**2.95**

C **Crystal Mini-Mike.** Only 2¼″ long, 1″ diameter. Response, 100-10,000 Hz. Hi-Z. For recording, general-purpose use. 5-ft. shielded cable. Japan.
24 C 9589. Shpg. wt., 12 oz.....**2.49**

D **Cardioid Dynamic Mike.** For indoor/outdoor PA use. Sphere-top. Dual impedance, 150-250 ohms or hi-Z. 100-10,000 Hz. On-off switch, 20-ft. cable.
24 C 9222. Japan. Wt., 1½ lbs. **14.95**

E **Dynamic Ball-Type Mike.** Omni-directional pattern, "pop-proof" grille. 100-12,000 Hz. Hi-Z. With 20-ft. cable, swivel adapter. From Japan.
24 C 9023. Shpg. wt., 1 lb......**8.95**

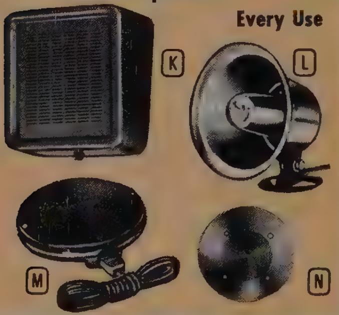
F **Guitar Mike.** Professional type. Mounts under strings without special attachments. Hi-Z. Volume, tone controls. 8-ft. cable. Japan.
24 C 9270. Shpg. wt., 12 oz.....**6.95**

G **Crystal Lapel Mike.** Clips to pocke
For recording, interviews, et
Response, 60-5000 Hz. Hi-Z. Fro
Japan. Shpg. wt., 6 oz.
24 C 9881....................**98**

H **Guitar Contact Mike.** For amplify
ing string instruments. Hi-Z. In
cludes volume control, 8-ft shielde
cable. From Japan.
24 C 9002. Shpg. wt., 8 oz......**1.8**

J **Transistor Mike Mixer.** Mixes 4 sig
nals to single output. 2-cond
phone inputs, phono jack output. 6 d
gain. 2⅜x6x3½″. With battery.
24 C 9352. Wt., 4 lbs. Japan....**6.9**

Versatile Speakers for Every Use



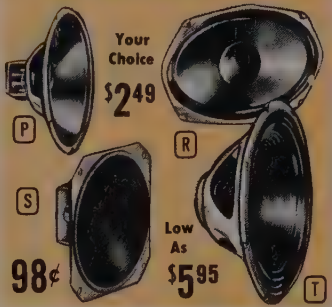
K **8″ Outdoor Speaker.** Weatherproof baffle, lacquer finish. Built-in volume control. 10⅞x10⅞x5⅜″. 20 watts, 8 ohms. 40-15,000 Hz. With 25-ft. wire.
24 C 9732 X. Shpg. wt., 6¼ lbs....**9.95**
24 C 9733. Similar to above, with 4″ speaker. 4 1/16x5 1/16x2⅜″. 1¼ lbs.....**4.95**

L **5″ Paging Speaker.** Weatherproof horn-type for outdoor use. 400-7000 Hz. 180° swivel mount. 5⅜″ long. 5 watts. 8 ohms. With 24″ hookup wire.
24 C 9843. Japan. Wt., 2 lbs......**7.95**

M **Pillow Speaker.** Ideal for private listening. Ceramic element, plastic diaphragm. Imp., 8 ohms. With 5-ft. cable. Size, 2¼x⅝″. Shpg. wt., 8 oz.
24 C 9525......................**1.79**

N **Ceiling Speaker-Baffle.** General-purpose brushed aluminum baffle for ceilings. Rugged, one-piece construction. Has 8″ speaker. Cap., 15-W. peak. Imp., 8 ohms. With mounting hardware.
24 C 9520. Shpg. wt., 1½ lbs.....**4.98**
24 C 9521. Baffle Only. As above, less speaker. Shpg. wt., 12 oz.........**2.49**

Ideal Replacement Speakers

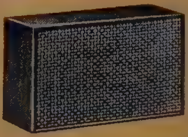


P **8″ Round Speaker.** Ideal for use in TV set or radio. Features whizzer cone, 1.47-oz. Alnico V magnet. Power capacity 8 watts. Impedance, 8 ohms. Shpg. wt., 1½ lbs. *Great buy!*
24 C 9530......................**2.49**

R **6x9″ Oval Speaker.** Has efficient 1.47-oz. Alnico V magnet. Whizzer cone to extend high frequency response. Power capacity, 8 watts. Impedance, 8 ohms. Shpg. wt., 1¼ lbs. *Big value!*
24 C 9529......................**2.49**

S **4″ Square Speaker.** Precision centered speaker, ideal for replacement use. .50 oz. Alnico V magnet. Standard EIA dimensions. Power capacity, 3 watts. Impedance, 3.2 ohms. Shpg. wt., 8 oz.
24 C 9932......................**98¢**

T **Dual-Cone Speakers.** 1½″ voice coil. Whizzer cone. Internal dust cap.
24 C 9632. 8″. 40-16,000 Hz. 20 W. 8 ohms. 4″ deep. Wt., 3 lbs.........**5.95**
24 C 9631 X. 12″. 35-15,000 Hz. 25 W. 8 ohms. 5½″ deep. Wt., 3½ lbs...**6.95**
24 C 9630 X. 15″. 30-14,000 Hz. 30 W. 8 ohms. 6⅛″ deep. Wt., 9 lbs.....**9.95**

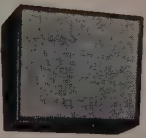


Ideal As
Extension
Speaker

$7.88

Shelf-Speaker System

Compact enclosure with plasti
wood-grained oiled walnut finish
Use for extension speaker, low
cost music systems. 6x4″ speake
with 1-oz. magnet. Capacity,
watts. 8 ohms. 6x9x4½″. Wit
20-ft. cable. Shpg. wt., 3 lbs.
24 C 9012..................**7.8**



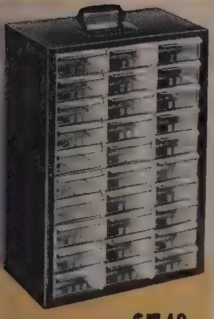
Wall Baffles

Low As $2.49

Wall-Mounting Baffles. Washable
cover. Less speaker. Handsome
baffles for use anywhere.
24 C 9253 X. For 12-inch speakers.
Shpg. wt., 5 lbs.............**5.69**
24 C 9254 X. For 8-inch speakers.
Shpg. wt., 4 lbs.............**3.49**
24 C 9255. For 4 to 5-inch speakers.
Shpg. wt., 1½ lbs...........**2.49**

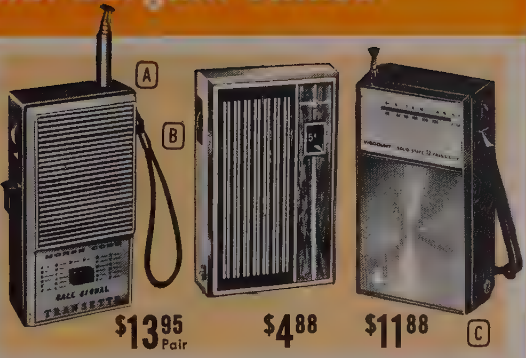
Speaker-Baffles. Handsome wall-mounting baffles with speakers. Use for extension speakers anywhere. 35-11,000 Hz. 10 watts. 8 ohms. Shpg. wt., 5¼ lbs.
24 C 9354 X. 12 inch........**8.95**
24 C 9355. 8 inch...........**6.65**

Special Bargain Values



)-Drawer Parts Cabinet

rsatile parts cabinet has ndreds of uses—ample om for small parts and mponents; rigid, welded el frame with enamel fin- . "See-Thru" non-spill astic drawers for easy ntification of items. Each awer, 1¼x2¾x5¾" deep. astic dividers; labels. Con- nient carrying handle. erall size, 9¾x17x6⁵⁄₁₆". pg. wt., 9 lbs.
C 9028 X. 5.49



A Walkie-Talkie Set

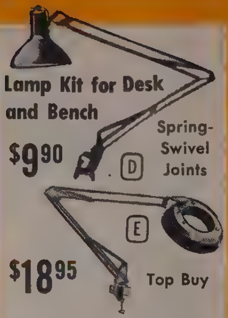
Each 4-transistor walkie-talkie has special Morse-Code signaling system. Features sensitive super-regenerative receiver, crystal-controlled transmitter. Handy code chart engraved on case. High-impact polystyrene case, 5½x2⅝x1⅝". Telescoping antenna, convenient carrying strap. No age limit, no license required. With crystal for Channel 14, battery. **Sold in Pairs Only.** Wt., 2 lbs. Japan.
17 C 9743 S. . Pair 13.95

B AM Shirt Pocket Radio

Compact, 8-transistor shirt pocket radio. Handsome black, shock-resistant case with walnut accents. Has 9-volt battery, vinyl carrying case, earphone with pouch. 2¼" speaker. Size, 4¼x2⅝x1⅜". From Taiwan. Wt., 12 oz.
10 C 4110 S. . . . . .Each 4.88

C FM-AM Portable Radio

Sensational low price for this FM-AM radio! Has AFC circuit for drift-free reception; FM-AM selector switch; telescoping antenna. For local reception. Plastic case, 5x3x1¾". With earphone, battery. Shpg. wt., 1 lb. From Taiwan.
10 C 4225 S. 11.88

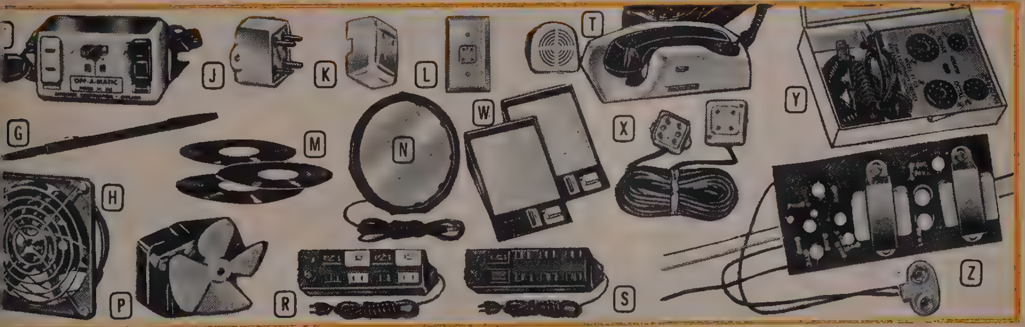


D All-Angle Lamp Kit

Great for close work. All-angle lamp has prefabricated arm assembly. Assembles quickly with just a screwdriver and pliers. Spring-loaded swivel joints; screw clamp. Gray. Less bulb. 110-120 VAC. 5 lbs.
24 C 9335 X. 9.90

E Magnifier Lamp Kit

Has the same fine features as lamp above, but takes fluorescent tubes and has 5" magnifying lens. Ideal for any type of close work. Tube below. 7 lbs.
24 C 9338 X. 18.95
Tube. For above. 8 oz.
24 C 9930. . . . . . . .2.99



Hi-Fi Shutoff. Shuts off entire hi-fi system after last record is played. r any record changer.
C 9234. Shpg. wt., 2 lbs. 4.95

Nylon-Tip Markers. Thin-line. Water soluble ink. Ass't colors.
C 9273. 12 oz. . . . . .12 for 2.89
C 9274. **Black only.** . . . .12 for 2.89

Miniature Cooling Fan. Circulates air at 10 cfm. 2-pole motor, ven- ri front, back. 115 VAC.
. C 9048. Shpg. wt., 1½ lbs. . . .8.95

4-Prong Ivory Telephone Plug.
24 C 9365. Japan. 4 oz. . . . . .59¢

Wall-Mtg. Jack. For plug above.
24 C 9366. Japan. 4 oz. . . . . .59¢

Wall-Plate. For plug, jack above.
24 C 9389. Japan. 4 oz. 1.79

M **Stereo Demo Records.** 3 records for stereo setup, equipment tests, music patterns, etc. Wt., 2 lbs.
24 C 9010. . . . . .3 for 3.29

N **Degaussing Coil.** Demagnetizes picture tube and chassis to remove color TV impurities. 7" coil. 115 VAC.
24 C 9386. Shpg. wt., 12 oz. 2.69

P **Tube Fan.** 3200-rpm shaded pole motor. 4-blade fan. 115 VAC.
24 C 9457. Shpg. wt., 1½ lbs. . . .4.49

R **Fused Outlet Boxes.** 15 amps. 10-ft. cord, 2-wire plug. 13x2¼x1¼". Has 4 outlets, 4 switches.
24 C 9343. Shpg. wt., 2¼ lbs. . . .4.95

S **Fused Outlet Box.** As above, has 6 outlets, 1 switch.
24 C 9342. Shpg. wt., 2½ lbs. . . .4.95

T **Telephone Amplifier.** Amplifies telephone calls. 10x3x3". Battery.
24 C 9231. Japan. 1½ lbs. 14.95

W **2-Station Intercom System.** Remote can signal Master. Vol. control, talk button. 5x4x2". Batt., 66-ft. cable.
24 C 9957. Japan. 3 lbs. 9.95

X **30-ft. Phone Cable.** Telephone jack on one end, plug on other.
24 C 9368. Japan. 1½ lbs. 2.49

Y **Tube Continuity Checker.** Checks tubes, appliances, fuses, coils.
24 C 9305. 115 VAC. 1 lb. 1.79

Z **Miniature Audio Amplifier.** 1-watt. 4 transistors. Uses 9-V battery. 2 stages audio with push-pull output.
24 C 9207. Japan. 12 oz. 5.95
24 C 9209. **Above, 3-watt output.** .6.95

Special Low Prices on Seven Quality VOM's

30,000 Ohms/Volt VOM

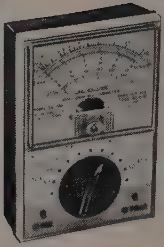
$\$14^{95}$

Accurate VOM has mirrored, wide-view scale, bold numbers, D'Arsonval meter movement. 30,000 ohms/volt DC; 15,000 ohms/volt AC sensitivity. Reads AC and DC volts to 1200; DC current to 300 mA; ohms to 16 megs. —20 to +63 dB. Recessed nylon range selector. 5½x3½x1⅜". Leather case, leads, battery. Japan.
24 C 9372. Shpg. wt., 1 lb.... **14.95**

20,000 Ohms/Volt VOM

$\$8^{95}$

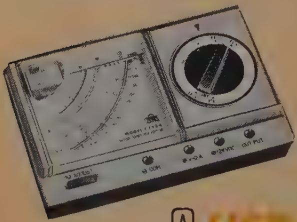
Sensitive, handy VOM, great for quick field checks. Hardly larger than a pack of cigarettes. Precision resistors throughout. Reads DC volts to 2500; AC volts to 1000; ohms to 6 megs; —20 to +22 dB. Has recessed nylon range selector; easy-to-read 3½" 2-color scale; D'Arsonval meter. 4½x3¼x1". Carry case, leads, batt. Japan.
24 C 9318. Shpg. wt., 1 lb...... **8.95**



1000 Ohms/Volt Multimeter

$\$4^{95}$

Pocket-size VOM at an amazing lo
price. For quick checks of appliances
radio and TV. Reads AC and DC volts
0-10-50-250-1000. DC current, 0-10
mA. Ohms, 0-150 K. Has 1000 ohm
per volt DC sensitivity: easy-to-rea
meter; single range/function switch
3½x2¼x1". High-impact plastic case
test leads, battery. Japan.
24 C 9590. Shpg. wt., 10 oz.... **4.9**

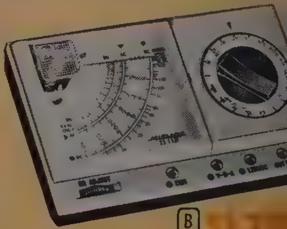


A $\$10^{95}$

20,000 Ohms/Volt

A **20,000 Ohms/Volt VOM.** Has 2-color scale, overload protection. Reads: AC volts; 0-6-30-300-1200. DC volts; 0-3-15-150-300-1200. Ohms; 0-60K-6 megs. Current: 0-60 μA, 300 mA. —20 to +17 dB. 4¾x3⅛x1⅛". With case, test leads, battery. Japan.
24 C 9591. Shpg. wt., 1½ lbs.......... **10.95**

B **30,000 Ohms/Volt VOM.** Jeweled meter movement; easy-to-read scale. AC volts: 6-30-120-300-1200. DC volts: 0.6-3-15-60-300-1200. Current: 0-3 μA; 3-30-300 mA. Ohms: 0-6K-60K-600K ohms; 0-6 megs. —20 to +63 dB. 6⅜x3¾x1¼". Case, leads, battery. Japan.
24 C 9592. Shpg. wt., 3 lbs............ **17.95**



B $\$17$

30,000 Ohms/Volt

NEW

Precision VOM

- Uses 1% Resistors for Highest Accuracy
- Extra-Low DC Voltage Range for Transistors
- Low-Resistance Switch

$\$19^{95}$ $5 monthly

50,000 Ohms/Volt VOM

Deluxe VOM, ideal for serviceman or technician. Uses precision 1% resistors for high accuracy. Boasts 50,000 ohms/volt DC sensitivity; 15,000 ohms/volt AC. Reads: DC volts :0-0.6-3-12-60-300-600-1200-3000. AC volts: 0-6-30-120-300-1200. DC Current: 0-30 μA; 0-6-60-600 mA. Ohms: 0-10K—1-10-100 megs. —20 to +63 dB. Low resistance selector switch; easy-to-read scales. Compact case, 6x4x 1⅞". With test leads, batteries, Japan.
24 C 9594. Shpg. wt., 1½ lbs. *$5 Monthly*........ **19.95**

Full-Size Lab-Type VOM

- 100,000 Ohms/Volt DC
- 4" Mirrored Scale
- Positive-Negative DC Switch
- Suitable for Laboratory Uses
- 0-.5 VDC Range

$\$34^{95}$ $5 monthly

100,000 Ohms/Volt VOM

Precision VOM, suitable for lab applications, but priced low enough for any serviceman, technician or hobbyist. Has 4" mirrored scale. Reads: DC volts: 0-.5-2.5-10-50-250-1000. AC volts: 0-2.5-10-50-250-1000. Resistance: 0-20K-200K ohms; 0-2 megs. DC current: 0-10-250 μA; 0-2.5-25-250 mA; 0-10 A. —20 to +62 dB. Rugged case, 7x5½x3¼", carrying handle. With test leads, battery, detailed operating manual Japan.
24 C 9593. Shpg. wt., 8 lbs. *$5 Monthly*.......... **34.95**

ALLIED

PRESENTS A COMPLETE CATALOG OF POPULAR BUILD-YOUR-OWN KITS

SEE THE NEXT 72 PAGES

FEATURING NAME-BRAND KITS

KNIGHT-KIT • EICO • DYNA • SCOTT • RCA • NORELCO
RAYTHEON • MOTOROLA • GILBERT • REMCO • HUBLEY • CONAR
SCHOBER • PHILMORE • SUPEREX • MOD-U-KIT • RENWALL • DELTA
MIDWEST • LINDBERG • ELDON

STEREO HI-FI • CITIZENS BAND 2-WAY RADIO
AUTOMOTIVE • HAM RADIO • SCIENCE • HOBBY
TEST EQUIPMENT • PHOTOGRAPHY • MANY MORE

FOR ALLIED'S KIT GUARANTEE, SEE PAGE 450

knight-kit
KITS
STEREO HI-FI

Our Best Seller..Solid-State
70-Watt Stereo Amplifier K

$99.95 less case

$5 monthly

**Knight-Kit's Best Selling Amplif
Offers Exceptional High-Fideli
At Remarkably Low Cost**

SELECTOR
PHONO
AUX
TAPE
LOUDNESS
BASS
TREBLE
BALANCE
FILTERS
RUMBLE
FLAT
TAPE MONITOR
STEREO REVERSE
STEREO MONO
PHASE REVERSE
HEADPHONES
OFF POWER

SOLID STATE

✓ CHECK THESE DELUXE FEATURES

- ✓ **Modular Circuits with Plug-In Transistor Sockets to Assure Fast and Easy Assembly**
- ✓ **Five Pairs of Stereo Inputs plus Full Array of Controls To Master Any Program Source**
- ✓ **No Output Transformers or DC Blocking Capacitors to Limit Frequency Response**
- ✓ **Separate Loudness and Level Controls for Full-Range Response Even at Low Volume**
- ✓ **Tape Monitor Input Switch Lets You Monitor Program Material on 3-Head Tape Recorders**

KG-870 Solid-State 70-Watt Stereo Amplifier Kit

**• Twenty-Six Premium Semiconductors • Develops 140-Watt Peak Power Ou
• Dual-Concentric Bass and Treble Controls for Each Channel • Phase Revers
• Rumble and Scratch Filters • Front-Panel Stereo Headphone Jack**

Our most popular stereo amplifier, the KG-870 continues to draw the pr
of owners and music critics. There is no other stereo amplifier equal t
at this price—performs on a par with some amplifiers selling for twic
much. Twenty-six semiconductors offer high-fidelity stereo with astonis
clarity. There are no output transformers to compromise tonal beau
response is true over the audio range.

The KG-870 delivers a powerful 70-watt IHF output (140 watts pe
Loudness control for full-range response even at low listening levels. D
concentric separate-channel bass and treble controls. Modular circuits
plug-in transistor sockets assure fast, easy assembly. Phase reverse swi
stereo reverse switch; stereo/mono switch.

Five pairs of stereo inputs: Tape Head (NAB equalized); Magnetic Ph
(RIAA equalized); Tuner; Aux. 1; Aux. 2. Outputs: 8, 16 ohm speakers; fr
panel stereo headphone jack; and tape recording outputs. Monitor in
switch for direct monitoring on three-head decks. Sierra Gold and char
panel. 2¾x13x11". Optional case below. For 115 VAC. With full step-
step instructions. Shpg. wt., 15 lbs.
22 C 3603 X. *$5 Monthly*. **99**
22 C 3035 X. Oiled Walnut Wood Case. Shpg. wt., 4 lbs. 1

KG-870 SPECIFICATIONS

Rated Power Output: 70 watts IHF (35 watts/ch.); 140 watts peak; 28 wa
ch. rms. 8, 16 ohm speakers. *Frequency Response:* ±1 dB, 20-25,000 H
full rated power. *Distortion:* Harmonic, .05%; IM, less than 1%; measu
at rated power. *Hum Level:* Tuner, −80 dB; Magnetic Phono, −68
Tape Head, −60 dB; Auxiliary 1 and Auxiliary 2, −80 dB. *Cha
Separation:* 40 dB. *Inputs:* Tape Head (NAB equalized); Magnetic Ph
(RIAA equalized); Tuner; Aux. 1; Aux. 2.

Our Best-Selling Tuner Kit
..Solid-State Stereo FM-AM

knight-kit
KITS
STEREO HI-FI

$99⁹⁵ less case   **$5 monthly**

Stereo FM-AM Tuner is the Perfect Companion, in Styling and Design, for the KG-870 Amplifier

SELECTOR
FM STEREO
SCA FILTER
TUNING
knight
STEREO
88
92
96
100
104
108
120
140
160
AFC
OFF
POWER

SOLID STATE

KG-765A Solid-State Stereo FM-AM Tuner Kit

- Front-End and IF Strip Factory-Assembled
- Automatic Stereo Switching
- 15 Transistors, 18 Diodes in Modular Circuitry
- 10 kHz AM Whistle Filter
- AFC, plus AGC and Voltage Regulation for Super-Stability
- SCA Filter

Widely-acclaimed KG-765A stereo FM-AM tuner kit is a favorite among stereo enthusiasts for its superlative performance and many quality features at an unbeatably low price. Solid-State circuit boasts tuned RF stages on FM *and* AM. Factory-assembled and aligned IF strip and front-end assure outstanding stereo FM, full-range mono FM and wideband AM reception.

FM circuit features three wideband IF amplifiers, wideband ratio detector and noise limiter for excellent reception even in weak signal areas. SCA filter prevents "storecast" interference. Automatic stereo/mono switching. Stereo indicator light, signal-strength meter for precise tuning. AFC prevents FM drift; AGC and voltage regulation provide added stability. Full 10-kHz IF bandwidth on AM for maximum fidelity; filter circuit screens out whistles on weak stations.

Precision-machined ball-bearing tuning shaft for smooth station selection. Low-impedance audio outputs allow long cable runs to amplifier without high-frequency loss. Has separate outputs for stereo tape recording. Ferrite AM, FM dipole antennas. Sierra Gold and charcoal panel. 2¾x13x11". Optional case below. Parts, cables, instructions 115 VAC. 13 lbs.

22 C 3767 X. *$5 Monthly*	99.95
22 C 3035 X. Oiled Walnut Wood Case. Shpg. wt., 4 lbs.	13.95
22 C 3241 U. Knight FM Outdoor Antenna Kit. With mast. 8 lbs.	5.95

KG-765A SPECIFICATIONS

FM CIRCUIT. *Usable IHF Sensitivity:* 1.25 μV for 20 dB quieting. *Response:* ±1 dB, 20-20,000 Hz. *Harmonic Distortion:* less than 1.0%. *Hum and Noise:* 55 dB below 1 volt. *Capture Ratio:* 9 dB. *Separation:* 30 dB. *Rejection: IF* 70 dB; *Image:* 30 dB. *Bandwidth:* 250 kHz. **AM CIRCUIT.** *Sensitivity:* 3 μV for 10 dB signal-to-noise ratio. *Bandwidth:* 10 kHz at 6-dB-down points. *Hum and Noise:* 40 dB below 1 volt. *Rejection: IF*, 55 dB; *Image*, 40 dB. *Distortion:* less than 1.0%.

TUNER/AMPLIFIER COMBINATION OFFER

Save $5.00   **Both For $194⁹⁰** less cases   **$10 monthly**

Save $5.00 on KG-765A and KG-870 Combination

Separately, $199.90. Unbeatable combination at a money-saving price! Knight-Kit's KG-870 Solid-State Stereo Amplifier Kit and KG-765A Solid-State Stereo FM-AM Tuner Kit—combination offer saves you $5. Save even more because you build them yourself. Perfectly matched electrically and in size and style. Described at left and on facing page. Order cases, below. Shpg. wt., 28 lbs.

22 C 0121 L2K.	194.90
22 C 3035 X. Case	**Each** 13.95

knight-kit
KITS
STEREO HI-FI

KG-865 Silicon-Transistor 50-Watt Stereo Amplifier

Priced at Only **$69.95** less case
$5 monthly

Silicon Transistor Circuit for Distinctly Superior Sound Even at This Low Price

knight
SOLID STATE STEREO AMPLIFIER
MONO
STEREO
PHONES
SPKRS
OFF
POWER

CHECK THESE DELUXE FEATURES

- ✓ **Transformerless Audio Circuits for Full Response and Power Bandwidth**
- ✓ **Uses Silicon Transistors Exclusively, for Cleanest Possible Hi-Fi Sound**
- ✓ **Two Printed Circuit Boards for Easier and Quicker Assembly**
- ✓ **Handy Front-Panel Stereo Headphone Jack, plus Speaker Muting Switch**
- ✓ **Two AC Convenience Outlets for Plugging in Tuner or Record Changer**

SOLID STATE

Knight-Kit's Lowest Priced Stereo Amplifier Kit

- Low in Price But Has All Silicon Transistors for Superior Sound
- Separate On-Off Switch, Volume Control Setting Need Not Be Disturbed
- Inputs for Magnetic Cartridge, Tuner, Auxiliary
- Speaker Muting Switch

Knight-Kit's lowest priced stereo amplifier kit offers you outstanding hi-fi performance, full 50-watt power output, and handsome wood-accented front panel. Includes many extras found in amplifiers costing far more, including super-stable *silicon* transistors.

Boasts exceptionally wide frequency response and power bandwidth thanks to a special Complementary Symmetry Circuit that eliminates all driver and output transformers. Delivers full rated power from 20-20,000 Hz. Frequency response is within 1 dB from 18-30,000 Hz. Has 22 premium semiconductors, including special preamplifier transistors that slash internal noise.

An array of controls puts you in command of both stereo and monaural functions. Separate on-off switch—volume control settings need not be disturbed. Ganged volume, bass and treble controls. Front-panel stereo headphone jack and speaker muting switch. Printed circuit boards for easier assembly. Attractive heavy-gauge extruded aluminum front panel with walnut-finish inserts. Inputs for magnetic cartridge, tuner and auxiliary. Two AC outlets on rear of chassis. Size, 3$\frac{5}{16}$x13x10″. With solder, step-by-step instructions. Optional case below.

22 C 3700 X. Shpg. wt., 10 lbs. *$5 Monthly*	69.95
22 C 3713 X. Oiled Walnut Wood Case. Shpg. wt., 6 lbs.	12.95

SPECIFICATIONS

Output: 50 watts IHF, 25 watts per channel; 34 watts sine wave. *Response:* ±1 dB, 18-30,000 Hz. *Power Bandwidth:* 20-20,000 Hz at 1% harmonic distortion. *Hum and Noise:* Tuner, Aux. inputs. −65 dB; Mag. Phono, −60 dB. *Channel Separation:* over 50 dB. *Impedances:* 4-16 ohms; plus stereo headphones. *Damping Factor:* 50. *IM Distortion:* under 1% at 60 Hz and 7000 Hz mixed 4:1 at rated power. *Input Sensitivity:* Mag. Phono, 5 mV; Tuner and Aux, 400 mV. *Power Requirement:* 110-130 volts, 60 Hz AC.

KG-795 Stereo-FM Tuner Kit with All Silicon Transistors

Great Hi-Fi Value

$59.95 less case

$5 monthly

Perfect Partner for KG-865 Amplifier on Facing Page . . . All Silicon Transistors, Too

knight-kit
KITS
STEREO HI-FI

104
106
MC
STEREO
POWER

SOLID STATE

Knight-Kit's Lowest Priced Stereo Tuner Kit

- **Two Tuned RF Stages for Excellent Image Rejection and Sensitivity**
- **Edge-Lit Dial and Signal-Strength Meter for Always-Perfect Tuning**
- **RF and IF Stages are Factory Assembled for Professional Results**

Even in Knight-Kit's lowest priced tuner kit you get all *silicon* transistors, plus *two* tuned RF stages, for stereo FM reception that you'd expect to get only from high-priced tuners. Pulls in excellent hi-fi stereo even from weak or distant stations. Silicon transistors assure super-stability and lowest possible distortion. Wideband IF circuits and detector permit a smooth frequency response from 30 to 15,000 Hz for stereo realism that equals or surpasses the finest stereo records or tapes.

Assembly is simplified by a large printed circuit board and factory assembled, aligned RF and IF circuits. The two tuned RF stages assure excellent image-rejection, sensitivity. Signal-strength tuning meter and edge-lit tuning dial make station-finding easy. Stereo indicator lights-up, and circuit automatically switches to stereo mode when stereo program is tuned in.

Beautifully styled heavy-duty aluminum front panel, with walnut-finished inserts, has the appearance of an expensive factory-assembled tuner. Effortless flywheel tuning. 3$\frac{5}{16}$x13x10". With indoor dipole antenna, solder, and instructions. Optional case below.

22 C 3701 X. Shpg. wt., 7 lbs. *$5 Monthly*	59.95
22 C 3713 X. Oiled Walnut Wood Case. Shpg. wt., 6 lbs.	12.95
22 C 3241 U. Knight Outdoor FM Antenna Kit. With mast. 8 lbs.	5.95

SPECIFICATIONS

Usable IHF Sensitivity: 3 microvolts. *Response:* ±1 dB, 30-15,000 Hz. *Harmonic Distortion:* less than 1.0%. *Hum and Noise:* −50 dB. *Tuning Range:* 88-108 MHz. *Capture Ratio:* 3 dB. *IF Rejection:* more than 80 dB. *Image Rejection:* greater than 80 dB. *AM Suppression:* greater than 30 dB. *Output Voltage:* 0.5 volt with 1000 μV input signal, 100% modulated at 400 Hz. *Channel Separation:* 30 dB or more at 1 kHz. *SCA Rejection:* 35 dB or more. *Antenna:* 300-ohm input. *Power Requirement:* 110-130 volts, 60 Hz AC.

COMBINATION OFFER

Save $10.00 **Both for** **$119.90** less cases

$6 monthly

KG-795 Tuner Kit and KG-865 Amplifier Kit Package

Separately, $129.90. Perfectly matched pair! KG-795 Tuner pulls in thrilling stereo-FM broadcasts. Factory assembled and aligned FM front end and IF stages. KG-865 Stereo Amplifier (facing page) has 50 watts IHF output. Have matching front panels, same dimensions and each fits same size case (order below). Shpg. wt., 17 lbs.

22 C 0341 L2X. *$6 Monthly*	119.90
22 C 3713 X. Walnut Case. 6 lb	12.95

knight-kit

KITS

STEREO SYSTEMS

50-Watt Stereo Phono Systems

WITH KG-865 SOLID-STATE AMPLIFIER KIT

PHONO TUNER AUX
VOLUME
BALANCE
TREBLE
BASS
MODEL KG-865
SOLID STATE STEREO AMPLIFIER
MONO STEREO
PHONES SPKRS
OFF POWER

Custom Stereo Phono System

Save $39.75 **$\$159^{50}$** $8 monthly

Separately, $199.25. **Knight-Kit KG-865 50-Watt Solid-State Stereo Amplifier Kit.** Premium silicon transistors. Distinctive styling. Inputs for phono, tuner and auxiliary. Less case.

Garrard 40 MK II 4-Speed Automatic Turntable with Base and Empire 808E Stereo Elliptical Cartridge. Automatic or manual operation. Stylus pressure adjustment. Smooth, 4-pole motor.

Two Allied 830BHC Three-Way Speakers. 12" woofer, midrange cone and tweeter. Level control. Response: 25-18,000 Hz. Perfect for custom installations. With cables, hi-fi booklet. 48 lbs.
22 C 0688 L5U. *$8 Monthly*.... **159.50**

Alternate System with KG-795 Stereo FM Tuner Kit. *Save $44.70.* As above, plus all-silicon tuner kit. Less cases. Shpg. wt., 55 lbs.
22 C 0689 L6Z. *$12 Monthly*...... **214.50**

Budget Stereo Phono System

Save $39.75 **$\$167^{50}$** $9 monthly

Separately, $207.25. **Knight-Kit KG-865 50-Watt Solid-State Stereo Amplifier Kit with Walnut Case.** Transformerless complementary symmetry circuit for wide power bandwidth and response.

Garrard 40 MK II 4-Speed Automatic Turntable with Base and Shure M32E Stereo Elliptical Cartridge. Counterbalanced pickup arm. Weighted platter. Interchangeable spindles.

Two Allied 3002 2-Way Shelf Speaker Systems. 8" woofer, direct-radiator 3½" tweeter. Oiled walnut veneer hardwood cabinets. With cables and hi-fi booklet. Wt., 66 lbs.
22 C 0086 D6U. *$9 Monthly*.... **167.50**

Alternate System with KG-795 Stereo FM Tuner Kit. *Save $44.65.* As above, plus tuner kit. Features preassembled RF and IF stages. Shpg. wt., 79 lbs.
22 C 0085 D6U. *$12 Monthly*..... **235.50**

Deluxe Stereo Phono System

Save $57.70 **$\$239^{50}$** $12 monthly

Separately, $297.20. **Knight-Kit KG-8 50-Watt Solid-State Stereo Amplif Kit with Walnut Case.** ±1 dB, 18-30,0 Hz. Two printed circuit boards f fast, easy assembly.

Garrard SL55 4-Speed Automatic Tu table with Base and Pickering V15/AC Stereo Elliptical Cartridge. Synchro-l motor. Cuing. Stylus pressure adju ment. Automatic or manual.

Two Allied 2330AK 3-Way Speaker S tem Kits. 12" woofer, 8" midran 3½" tweeter. Walnut veneer cabin With finishing oil. Cables, hi-fi boo let. Shpg. wt., 99 lbs.
22 C 0690 L8Z. *$12 Monthly*.... **239.**

Alternate System with KG-795 Ster FM Tuner Kit. *Save $70.15.* As abov plus tuner kit. Two tuned RF stag Automatic stereo switching. 112 l
22 C 0691 L8Z. *$15 Monthly*..... **299.**

See Pages 466 and 467 for Complete Specifications of the KG-865 and KG-79

knight-kit 70-Watt Stereo Phono Systems

FEATURING THE KG-870 SOLID-STATE STEREO AMPLIFIER KIT

BASS
TREBLE
BALANCE
FILTERS
SOURCE
TAPE MONITOR
STEREO REVERSE
STEREO MON
PHASE REVERSE
HEADPHONES
OFF POWER

Custom Stereo Phono System

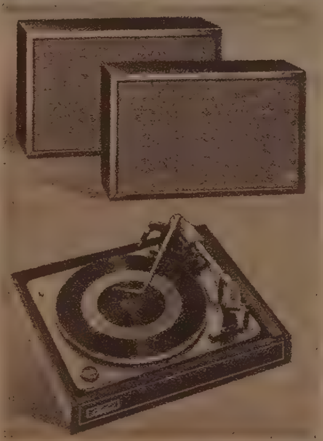
Save $44.75 **$229.50** $12 monthly

Separately, $274.25. **Knight-Kit KG-870 70-Watt Solid-State Stereo Amplifier Kit.** Delivers 35 watts per channel. No output transformers. Controls and inputs for all sources. Less case.

Garrard SL55 4-Speed Automatic Turntable with Base and Empire 808E Stereo Elliptical Cartridge. Perfect-speed Synchro-Lab motor. Cuing. Tubular pickup arm. Automatic intermix.

Two Allied 888HCA 12″ 3-Way Speakers. 12″ woofer, axially-mounted midrange, compression horn tweeter. Fits 12″ enclosure. With all cables and hi-fi booklet. Shpg. wt., 52 lbs.
22 C 0696 L5Z. *$12 Monthly*...**229.50**

Alternate System with KG-765A Stereo FM-AM Tuner Kit. *Save $49.70.* As above, plus tuner kit. Solid-state modular circuitry. Less cases. 69 lbs.
22 C 0697 L7Z. *$16 Monthly*....**324.50**



Deluxe Stereo Phono System

Save $68.70 **$269.50** $14 monthly

Separately, $338.20. **Knight-Kit KG-870 70-Watt Solid-State Stereo Amplifier Kit with Walnut Case.** Modular circuits with plug-in transistor sockets for fast and easy assembly. 26 semiconductors.

Garrard SL55 4-Speed Automatic Turntable with Base and Empire 808E Stereo Elliptical Cartridge. Synchro-Lab motor. Cuing. Stylus pressure adjustment. Automatic or manual operation.

Two Allied 3030B 3-Way Speaker Systems. 12″ woofer, 6″ midrange, 3½″ cone-type tweeter. Oiled walnut. With cables, hi-fi booklet. 92 lbs.
22 C 0087 D6U. *$14 Monthly*..**269.50**

Alternate System with KG-765A Stereo FM-AM Tuner Kit. *Save $72.60.* As above, plus tuner kit. Offers thrilling stereo FM, crystal-clear AM. Tuning meter. Shpg. wt., 109 lbs.
22 C 0088 D8Z. *$18 Monthly*....**379.50**

Finest Stereo Phono System

Save $114.70 **$359.50** $17 monthly

Separately, $474.20. **Knight-Kit KG-870 70-Watt Solid-State Stereo Amplifier Kit with Walnut Case.** Powerful 140-watt peak IHF output. Loudness control for full response at low volume.

Deluxe Garrard SL75 Automatic Turntable with Base and Pickering V15/AME-3 Stereo Elliptical Cartridge. Synchro-Lab motor for perfect 33⅓; 45, 78-rpm speeds. Cuing, low-mass arm.

Two Allied 2300C 3-Way Speaker Systems. Acoustic-suspension. 12″ woofer, compression midrange with diffraction horn, compression tweeter. Oiled walnut. Cables, hi-fi book. 134 lbs.
22 C 0559 L6Z. *$17 Monthly*...**359.50**

Alternate System with KG-765A Stereo FM-AM Tuner Kit. *Save $120.60.* As above, plus tuner kit. Automatic stereo switching. Stereo light. 151 lbs.
22 C 0560 L8Z. *$20 Monthly*.....**467.50**

See Pages 464 and 465 for Complete Specifications of KG-870 and KG-765A

knight-kit

KITS

STEREO HI-FI

Deluxe Solid-State Stereo Receiver Ki
Featuring All Silicon Transistors

KG-980 50-Watt Stereo FM Receiver Kit

$139.95 less case

$7 monthly

- Circuit Uses Premium-Quality Silicon Transistors
- Automatic Stereo-Mono FM Switching
- Flywheel Tuning
- Front End and IF Circuits Factory-Assembled, Aligned
- Tuner Circuit Has Two RF Stages
- Tuning Meter
- No Transformers in Amplifier Circuit to Limit Response

Loaded with features that you would not expect to find in a receiver at this low price. Enjoy true-to-life stereo FM as well as sensitive monaural FM, plus the added satisfaction of building it yourself. Uses only premium-quality silicon transistors for stability and sound purity. Complementary Symmetry amplifier design eliminates both driver *and* output transformers for amazingly low harmonic distortion and extra-wide power bandwidth.

Two RF stages provide excellent sensitivity. RF and IF circuits are factory-assembled and aligned for easy assembly. Specially selected low-noise transistors in preamp prevent noise and hum in the input circuits. Automatic stereo switching—circuit automatically switches to stereo mode and indicator light goes on when stereo broadcast is received. Illuminated slide-rule dial, signal-strength tuning meter, smooth flywheel tuning.

Full array of controls. Positive-action rocker-type switches. Inputs: magnetic phono, tape monitor and aux. (ceramic phono). Outputs: speakers, tape, stereo headphones. FM dipole antenna. Heavy-gauge extruded aluminum front panel. 4x16x13½". With instructions. Case below. Shpg. wt., 17 lbs.

22 C 3705 U. *$7 Monthly*.......................................139.95

22 C 3714 X. Oiled Walnut Wood Case. Shpg. wt., 7 lbs...........15.95

22 C 3241 U. Knight Outdoor FM Antenna Kit. Shpg. wt., 8 lbs...........5.95

SPECIFICATIONS

TUNER CIRCUIT

Usable IHF Sensitivity: 3 microvolts
Response: ±1 dB, 30 to 15,000 Hz
Harmonic Distortion: less than 1.0%
Hum and Noise: −50 dB
Tuning Range: 88 through 108 MH
Capture Ratio: 3 dB
IF Rejection: more than 80 dB
Image Rejection: more than 80 dB
AM Suppression: more than 30 dB
Stereo FM Channel Separation: 30 d

AMPLIFIER CIRCUIT

Output: 50 watts IHF; 34 watts co
tinuous sine wave at 8 ohms
Response: ±1 dB, 18 to 30,000 Hz
Power Bandwidth: 20-20,000 Hz
Inputs, Hum and Noise: Aux. inpu
−65 dB; Mag. Phono (RIAA equa
ized), −60 dB; Tape monitor
Channel Separation: more than 50 d
Outputs: 4 to 16 ohms for speaker
stereo headphones; recorder
Damping Factor: 50
Intermodulation Distortion: less tha
1% at 60 Hz and 7000 Hz mixe
4:1 at rated power

Save $60.20

$290.00

$15 monthly

KG-980 Stereo FM-Phono Kit System

- Receiver Kit
- Garrard Automatic Turntable
- Two Full-Size 12" Allied Speaker System Kits

Separately, $350.90. Ideal system for the musi
lover and do-it-yourselfer. **Knight-Kit KG-980 5
Watt Stereo FM Receiver Kit and Walnut Case.** Si
con transistors. Full controls, inputs, output
Order case above. **Garrard SL55 4-Speed Automat
Turntable with Base.** Synchro-Lab motor, cuing co
trol. Automatic or manual operation. **Pickerin
V15/ACE-3 Stereo Cartridge with elliptical diamon
stylus. Two Allied 3030BK Speaker System Kits.** 12
woofer, 6" midrange, 3½" tweeter. Tuned por
With walnut finishing oil. Cables and hi-fi bookle
Shpg. wt., 97 lbs.

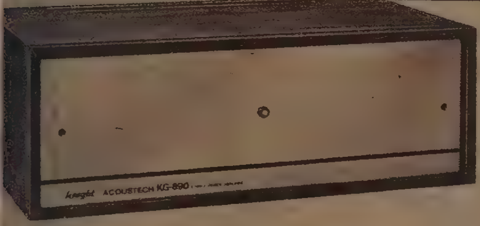
22 C 0683 LGZ. *$15 Monthly*..............290.0

Exciting New Connoisseur-Quality Knight-Kit/Acoustech Amplifier Kits

knight-kit
KITS
STEREO HI-FI

New concept in amplifiers—buy the Knight-Kit/Acoustech KG-890 basic and use it with any quality preamplifier. At a later date, you can buy the KG-891 P/M preamp module to convert the KG-890 basic to an integrated amplifier. The KG-892 is the equivalent of the KG-890 and KG-891 in one superb kit.

SOLID STATE



knight ACOUSTECH KG-892

KG-890 200-Watt Stereo Basic Amplifier Kit

$139^95 less case
$7 monthly

- Completely Transformerless Audio Circuit
- Converts to Integrated Amplifier with Addition of KG-891 Preamp Kit

rofessional-quality solid-state basic amplifier kit is easy o build, performs flawlessly with any solid-state or tube ype preamp. Converts to integrated amplifier with adition of KG-891 P/M Preamp Module below right. Circuit liminates interstage and output transformers, for broad ower bandwidth and exceptionally low distortion. Preired and tested, plug-in etched circuit boards for fast, oolproof assembly. Silicon transistors used throughout for reatest stability. Clean transient response thanks to fast quare wave response free of overshoot and ringing. Conervatively rated power transformer. Pilot light on gold, nodized, heavy-gauge aluminum panel. Computer-grade lectrolytic capacitors. With detailed instructions, exclusive it cloth with all parts in numbered plastic bags. Order ase below KG-892, at right. Shpg. wt., 22 lbs.
2 C 3610 U. *$7 Monthly*.......................139.95

KG-890 SPECIFICATIONS

ower Output: 200 watts dynamic power at 1 kHz and 4 hms; 160 watts dynamic power at 8 ohms; 80 watts continous rms, 8 ohms at less than 0.45% harmonic distortion. *requency Response:* ±3 dB, 3 to 300,000 Hz. *Power Bandvidth:* 8-25,000 Hz IHF. *Square Wave Rise Time:* less than ¾ microseconds. *Hum and Noise:* −95 dB below rated utput. *Output Impedance:* 4, 8, 16 ohms. *Damping Factor:* 00:1. *Size:* 5x15x10″. *Harmonic Distortion:* less than .25%. *M Distortion:* 0.45%. *Power Req.* 115/220 VAC.

KG-892 200-Watt Stereo Preamp/Amp Kit

$204^95 less case
$11 monthly

- Controls and Inputs for all Sources
- All Silicon Solid-State Circuit
- Front-Panel Stereo Headphone Jack

Magnificent integrated amplifier is engineered to provide stereo of unsurpassed realism at all power levels. Power amplifier section is same as KG-890 listed at left. Preamp controls include pushbuttons for tape monitor, loudness contour, speaker muting, power on-off. Mode switch selects mono, stereo, stereo reverse, left or right channels individually. Balance, level controls, dual-concentric bass, treble. All specifications same as KG-890 except hum and noise: phono, −55 dB; tuner, −75 dB. Fun-to-build kit has pre-wired plug-in etched circuit boards, all cables stripped and cut to length. Computer-grade electrolytic capacitors. With instructions, exclusive kit cloth with parts in numbered plastic bags. Order case below. 5x15x10″. For 115/220 VAC. Shpg. wt., 26 lbs.
22 C 0075 L2U. *$11 Monthly*.......................204.95
22 C 3118 X. Oiled Walnut Wood Case. Wt., 6 lbs.....24.50

KG-891 P/M Stereo Preamp Module Kit

Builds Into KG-890
$75^00
$5 monthly

Deluxe solid-state preamp module kit builds directly into the KG-890 200-watt basic amplifier. Converts to a KG-892 with controls and inputs for all sources. Includes gold anodized front panel. For KG-890 only. 4 lbs.
22 C 3611 X. *$5 Monthly*..........75.00

Deluxe FM-Phono Stereo Compact Kit

- Compact 3-Piece System in Walnut Cabinets
- Factory-Assembled Except FM Receiver Kit

Handy bookshelf size system in money-saving kit orm. Just assemble the receiver kit, mount the urntable on receiver case and connect the factoryssembled speaker systems for delightful stereo. Knight-Kit KG-980 FM Receiver Kit has 50-watt IHF utput. Garrard SL65 4-Speed Automatic Turntable, mpire 888E Stereo Cartridge with elliptical diamond stylus. Two Allied 2330A 3-Way Speaker Systems. 12″ woofer, 8″ midrange, 3½″ tweeter. Instruc-ions, oiled walnut-finished wood cabinets, ready-tonount turntable, ready-to-play speaker systems with cable. Shpg. wt., 117 lbs.
2 C 0678 L6Z. *$16 Monthly*.................339.95

3-Piece Ensemble
$339^95
$16 monthly

knight-kit

KITS

MUSICAL INSTRUMENTS

NEW *Makes Even Great Combos Sound Bigger, Better*

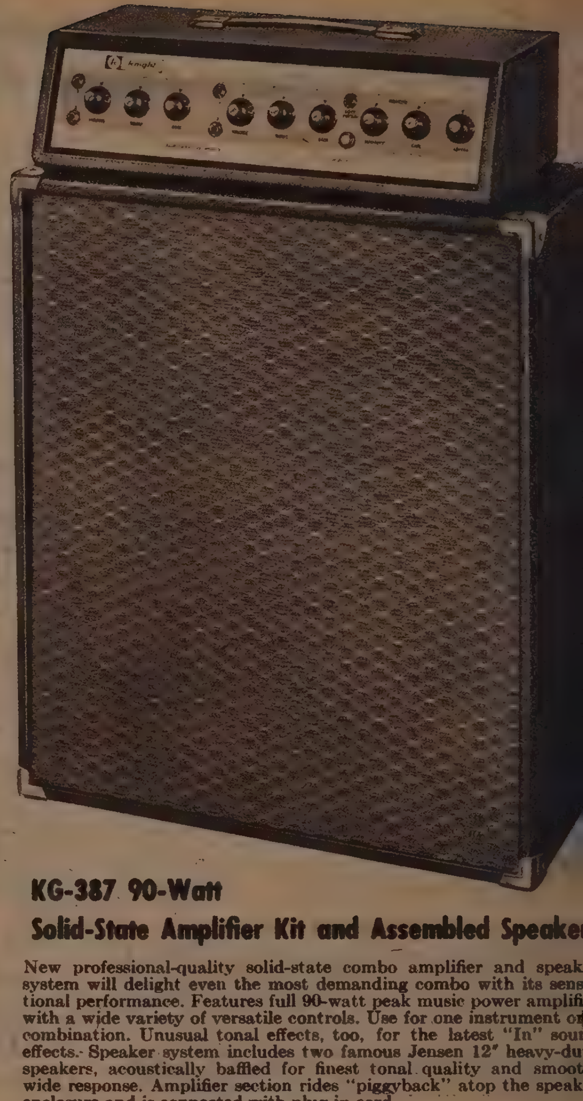
Piggyback Amplifier with Speaker System

$169.95 $9 monthly

- Solid-State Circuit Includes Field-Effect Transistors in Preamp for Cleaner Sound
- Includes Foot Switch for Reverb or Tremolo

SPECIFICATIONS

Power Output: 90 watts peak music; 30 Watts rms.
Bass Boost: 9 dB minimum, at 80 Hz.
Treble Variation: 20dB at 10,000 Hz.
Reverb Depth: (variable) 0-50% min.
Tremolo Depth: (variable) 0-75% maximum.
Tremolo Speed: (variable) 2-10 Hz.
Controls: Normal Channel—Volume, Treble, Bass. Second Channel—Volume, Treble, Bass, Tremolo Intensity, Tremolo Rate, Reverb Depth.
Signal-to-Noise: 60 dB below rated power output.
Input Sensitivity: 40 mV for rated output.
Input Impedance: 500,000 ohms.
Input Capacitance: 10 pF, maximum.
Semiconductors: 16 transistors, 6 diodes (includes 4 rectifiers).



KG-387 90-Watt
Solid-State Amplifier Kit and Assembled Speake

New professional-quality solid-state combo amplifier and speak
system will delight even the most demanding combo with its sens
tional performance. Features full 90-watt peak music power amplifi
with a wide variety of versatile controls. Use for one instrument or
combination. Unusual tonal effects, too, for the latest "In" sou
effects. Speaker system includes two famous Jensen 12" heavy-du
speakers, acoustically baffled for finest tonal quality and smoot
wide response. Amplifier section rides "piggyback" atop the speak
enclosure and is connected with plug-in cord.

Boasts latest solid-state devices for finest sound reproduction ar
reliability. Field-Effect transistors used in the preamp stages assu
low noise level with distortion-free performance. High input impe
ance with low input capacitance allows a maximum transfer
harmonics for cleaner, crisper, more vibrant tonal color. Dual cha
nels with 2 inputs per channel. Normal channel is designed for lea
rhythm or bass guitar, voice, sitar, etc. Second channel features tren
olo with separate intensity and rate controls, and reverberation usi
the popular Hammond reverb unit for the concert hall effect. Fo
switch jack on control panel for remote switching of reverb or tremo
with foot switch (included). Separate treble and bass controls allo
the operator to boost or cut either independently.

Control panel features clearly marked, easy-to-read control knob
switches, inputs and outputs—placed for instant fingertip contr
Speaker and amplifier enclosures are covered with high-grade gr
tangle-tweed Tolex. Grille cloth has silver thread diamond pattern
black background. Amplifier, 5¾x19¾x8¾". Speaker enclosu
26½x10x22¼". With precut wire, solder, instructions. For 110-130
60 Hz AC. Shpg. wt., 60 lbs.
22 C 3328 Z. *$9 Monthly*.......................................169.9

Knight-Kit Is First with the Very Latest Sound Equipme

SCOTT Solid-State Stereo Receiver, Tuner and Amplifier Kits

H. H. SCOTT
KITS
STEREO HI-FI

Shown in wood case

NEW

LR88 100-Watt Stereo FM-AM Receiver Kit with Integrated Circuits and FETs

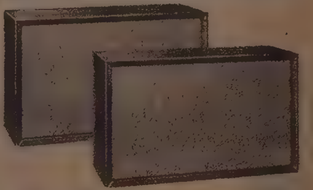
$299.95 less case
$15 monthly

ıperb performer. Kit version of Scott's best stereo FM-AM receiver, with test state-of-the-art innovations for finest stereo sound and easiest assembly. oasts all-silicon-transistor circuit. Field-effect-transistor (FET) silverated front-end for maximum sensitivity. Integrated circuit IF strip for ıtstanding separation and capture ratio.

utomatic stereo FM switching. Signal-strength and zero-center tuning eters. Computer-type pushbutton selector switches; headphone jack and icrophone jacks on front panel; main/remote speaker switch; tape monitor. etween-station muting. Stereo indicator light. Automatic Variable Bandidth for excellent AM reception. Switchable filter suppresses noise.

utput: 100 watts IHF at 4 ohms. *Response:* ±1 dB, 15-30,000 Hz. *FM ensitivity:* 1.7 µV. *Capture Ratio:* 2.2 dB. *Harmonic Distortion:* 0.8%. *M Stereo Separation:* 42 dB. *Outputs:* 4-16 ohms; headphones; recording. *um and Noise (Phono):* -55 dB. 4$\frac{15}{16}$x15$\frac{9}{16}$x12$\frac{1}{4}$". Optional case below. or 115 V, 60 Hz AC.

3 C 2011 U. Shpg. wt., 26 lbs. *$15 Monthly*....................299.95
3 C 2001 X. Metal Wood-Grain Case. Shpg. wt., 5 lbs....................11.85
3 C 2040 X. Oiled Walnut Case. Shpg. wt., 6 lbs........................20.82



Save $54.30

System Featuring LR88

$499.95
$21 monthly

- 100-Watt Receiver
- Garrard SL65
- Empire 888E Cartridge
- Two KN-3030B Systems

Separately, $554.25. Delivers magnificent stereo that will please the most critical listener. Features the **Scott LR88 Stereo FM-AM Receiver Kit,** described at left; **Garrard SL65 4-Speed Automatic Turntable** with **B1 Base** and **Empire 888E Stereo Elliptical Cartridge;** two **KN-3030B 3-Way 12" Walnut Speaker Systems.** Order receiver case at left. Shpg. wt., 100 lbs.
13 C 0342 D5U. *$21 Monthly*.....499.95

Shown in wood case

.K-60B 120-Watt Solid-State Stereo Amplifier Kit

$179.95 less case
$9 monthly

ı powerful, top-performing amplifier kit. Gives you fingerip command of 120 watts of stereo. Silicon, transformeress output stages assure wide power bandwidth. Power nonitor meter. *Output:* 60 watts IHF per channel; 37½ watts per channel rms. *Response:* ±1 dB, 15-30,000 Hz. *ower Bandwidth:* 20-20,000 Hz. *Harmonic Distortion:* elow 0.8%. *Inputs:* tape head, magnetic phono, aux., ape monitor. *Outputs:* 4, 8, 16 ohms; tape recording; stereo ıeadphones. 5¼x15½x13¼". Black vinyl-finish chassis nclosure. Optional case below. For 115 VAC.

3 C 2738 U. Wt., 21 lbs. *$9 Monthly*............179.95
.3 C 2001 X. Brown Metal Case. Wt., 5 lbs............11.85
3 C 2040 X. Oiled Walnut Wood Case. Wt., 6 lbs....20.82

Shown in wood case

LT-112B-1 Solid-State Stereo FM Tuner Kit

$179.95 less case
$9 monthly

Deluxe tuner pulls in superb stereo FM in virtually any signal area. Special three-function meter shows signal strength, "O center" and multipath signals (ghosts) to permit perfect tuning and antenna setting. Silver-plated front end, all-silicon IF strip, and Scott time-switching multiplex circuit are all factory-assembled. *Sensitivity:* 1.8 µV. *Harmonic Distortion:* 0.8% at 100% modulation. *Stereo Separation:* 40 dB. *Cross Modulation Rejection:* 80 dB. *Signal-to-Noise Ratio:* 75 dB. 5¼x15½x13¼". Optional case below. For 110-120 VAC. 13 lbs.

13 C 2035 U. *$9 Monthly*..........................179.95
13 C 2001 X. Brown Metal Case. Wt., 5 lbs............11.85
13 C 2040 X. Oiled Walnut Wood Case. Wt., 6 lbs.....20.82

DYNACO
KITS
OR ASSEMBLED

Dynaco Perfectionist-Quality Solid-State Stereo Components

Dyna high-fidelity components are famous for excellent quality and super performance, yet are moderately priced. Dyna components have the late circuit advancements, plus all-silicon transistors for greatest stabilit Money-saving kit versions feature easy-to-follow step-by-step instruction Also available completely factory-assembled.

PAT-4 Stereo Preamp

Kit Form	Assembled
$\$89^{95}$	$\$129^{95}$
$5 monthly	$7 monthly

"Stereo 120" Basic Amplifier

Kit Form	Assembled
$\$159^{95}$	$\$199^{95}$
$8 monthly	$10 monthly

A PAT-4 Solid-State Stereo Preamplifier

- **5-100,000 Hz Response • Mike/Guitar Input**
- **All Silicon Transistors for Complete Stability**
- **Complete Array of Controls, Inputs and Outputs**

This versatile control center for all stereo sources and functions puts you in total command of your stereo system. Specially designed as a perfect mate for the "Stereo 120" listed at right or any other Dynakit basic amplifier. Features all *silicon*-transistor circuit design for exceptional stability and reliability.

Six positive-action rocker switches control loudness contour, tape monitor, power on-off, low filter, mono and stereo modes. Has four-position high filter with 7 kHz, 10 kHz, 15 kHz and flat response positions. Volume, balance controls; separate bass and treble controls for each channel. Six-position input selector for special, tape head, magnetic phono, tape deck, tuner, and spare.

Accepts both high and low-level phono cartridges. Convenient front-panel input jack for plugging in a microphone or electric guitar. Heavy-gauge extruded aluminum front panel. *Frequency Response:* ±0.5 dB, 5-100,000 Hz. Size, 4x13x8". For 120/240 volts, 50-60 Hz AC. With metal cover. Shpg. wt., 11 lbs.

13 C 2235 X. Kit Form. *$5 Monthly* **89.95**
13 C 2241 X. Factory Assembled. *$7 Monthly* **129.95**

B "Stereo 120" 120-Watt Basic Amplifier

- **60 Watts of Sustained rms Power Output per Channel**
- **All Silicon Transistors for Stability and Reliability**
- **Self Adjusting Bias • Fully-Regulated Power Supply**

Deluxe solid-state stereo basic amplifier engineered t satisfy the most critical audiophile. Features the lates advancements in electronic circuits. Twenty-eight semiconductors deliver magnificent stereo sound with complet freedom from coloration. Continuous power rating is 6 watts rms on each channel at 4 or 8 ohms.

There are no interstage or output transformers to restric frequency response. All *silicon* transistors are used throughout for utmost stability and reliability. Designed-in electronic protection against damage to transistors caused b shorting of speaker leads. Requires no adjustments—eve bias is self-adjusting. Oversize power transformer an fully-regulated power supply.

Response: ±0.5 dB, 5-100,000 Hz. *Harmonic Distortion* less than 0.5%. *IM Distortion:* less than 0.5%. *Noise:* 9 dB down. *Output Impedance:* matches 4 to 16 ohms. Us with PAT-4, left, or PAS-3X preamp on facing page Heavy-gauge plated chassis with metal cover. 4x13x10½" For 120/240 volts, 50-60 Hz AC. Wt., 20 lbs.

13 C 2233 U. Kit Form. *$8 Monthly* **159.9**
13 C 2234 U. Factory Assembled. *$10 Monthly* **199.9**

Outstanding Dynaco Tube-Type Stereo and Mono High-Fidelity Components

"Stereo 70" 70-Watt Basic Amplifier

iis basic amplifier is famous among critical music lovers cause of its wide response and purity of sound. Capable driving even low-efficiency speaker systems to their nits. *Power:* 90 watts IHF; 70 watts continuous. *Re- onse:* ±0.5 dB, 10-40,000 Hz. *IM Distortion:* less than ó at full power. *Hum and Noise:* over 90 dB below full tput. *Outputs:* 4 to 16 ohms. Excellent for use with her the Dyna PAT-4 or PAS-3X stereo preamps. 6½x ½x13". With brown cover. For 110-120 volts, 50-60 Hz). Four EL34 output tubes. Shpg. wt., 31 lbs.

C 2237 U. Kit Form. *$5 Monthly*............99.95
C 2238 U. Factory Assembled. *$7 Monthly*..........129.95

"Stereo 35" 35-Watt Basic Amplifier Kit

milar to above, except 45 watts IHF, 35 watts cont. 1 dB, 10-40,000 Hz. 8, 16 ohms. With cover. 4x5½x13". 0-120 V., 50-60 Hz AC. Shpg. wt., 16 lbs.

C 2593 X. Kit Form. *$5 Monthly*..................59.95
C 2594 X. Factory Assembled. *$5 Monthly*..........79.95

Famous PAS-3X Stereo Preamplifier

ost advanced model in PAS Series. Complete control cilities. Ideal for use with any quality basic amplifier. itical circuitry is prewired. Variable separation. In " position, tone control circuit is disabled for absolutely t response. Tape monitor, loudness, scratch filter, power itches. Selector switch, volume, balance controls; bass, eble for each channel. Inputs for phono, tape head, ner, recorder. *Response:* ±0.5 dB, 10-40,000 Hz. 5 tubes us rectifier. 4x13x8". Satin-tone front panel. 110-120 V, -60 Hz AC. Wt., 11 lbs.

C 2242 X. Kit Form. *$5 Monthly*..................69.95
C 2236 X. Factory Assembled. *$6 Monthly*..........109.95

Kit Form
$99.95
$5 monthly

FM-3 Sensitive Stereo FM Tuner

ıjoy stereo FM with full dimensional realism. Tuned RF age has slug-tuned coils for laboratory-accurate align- ent without special equipment. Wideband discriminator. our IF stages. Planetary drive tuning. Stereo indicator ;ht. *Sensitivity:* 4 µV (IHF). *Separation:* 30 dB. 4x13x8". etal case. 110-120 V, 50-60 Hz AC. 13 lbs.

C 2588 X. Kit Form. *$5 Monthly*..................99.95
C 2589 X. Factory Assembled. *$8 Monthly*..........154.95

Kit Form
$99.95
$5 monthly

SCA-35 35-Watt Stereo Amplifier

owerful integrated amplifier at a moderate price. Has elector, volume, balance, bass, treble, mode, loudness, lter, on-off controls. Hum-balance, 2 AC outlets, center- nannel and tape outputs; headphone jack. Output: 35 atts rms. Response: ±0.25 dB, 20-20,000 Hz. IM Dist.: ss than 1%. Hum: 80 dB down. 8, 16 ohms. 4x13x10". letal case. 110/120 V, 50-60 Hz AC. Wt., 21 lbs.

C 2590 U. Kit Form. *$5 Monthly*..................99.95
C 2595 U. Factory Assembled. *$7 Monthly*..........139.95

DYNACO
KITS
OR ASSEMBLED

Kit **$99.95** $5 monthly
Assembled **$129.95** $7 monthly
"Stereo 70"
- 90 Watts IHF

PAS-3X

Kit Form
$69.95 $5 monthly

- Unmeasurable Harmonic Distortion
- DC on Filaments to Prevent Hum
- Variable Channel Separation

A
Mark IV
Mark B
III
C
PAM-1
Preamp

Dynakit Monaural Hi-Fi Components

A **Mark IV 40-Watt Basic Mono Amplifier Kit.** Famous for its clean sound. *Response:* ±0.5 dB, 10-40,000 Hz. *IM Distortion:* less than 1%. *Hum and Noise:* 90 dB below rated power. *Impedances:* 4, 8, 16 ohms. 7x14x5". With cover. 110-120 V, 50-60 Hz AC. 20 lbs.

13 C 2265 U. Kit Form. *$5 Monthly*..................59.95
13 C 2266 U. Factory Assembled. *$5 Monthly*..........79.95

B **Mark III 60-Watt Basic Mono Amplifier Kit.** Similar to above, but even more power! *Response:* ±0.5 dB, 10-60,000 Hz. *IM Distortion:* under 1%. *Hum and Noise:* 90 dB below full power. *Impedances:* 4, 8, 16 ohms. 6¾x9x9". With cover. 110-120 V, 50-60 Hz AC. 28 lbs.

13 C 2267 U. Kit Form. *$5 Monthly*..................79.95
13 C 2268 U. Factory Assembled. *$5 Monthly*..........99.95

C **PAM-1 Mono Preamp Kit.** Full controls. Takes power from Mark III, IV, "Stereo 70." Cover. 6 lbs.

13 C 2246 X. Kit Form. *$5 Monthly*..................34.95
13 C 2247 X. Factory Assembled. *$5 Monthly*..........59.95

EICO

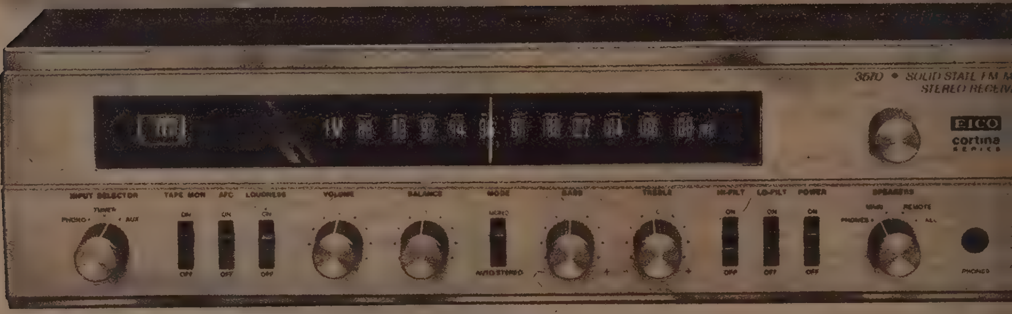
KITS

STEREO-HI-FI

EICO "Cortina" Series Solid-State 70-Watt Stereo FM Receiver Kit

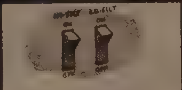
Kit Form 169^{95}
$9 monthly

Factory Assembled 259^{95}
$13 monthly



Metal Case Included

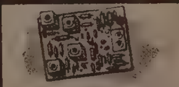
QUALITY FEATURES

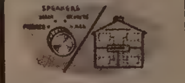

HI and LO Filters

Silicon Transistors

Five Tuned Circuits

Switchable AFC


Time-Switching MPX



Speaker Selector

Model 3570/70-Watt Stereo FM Receiver Kit

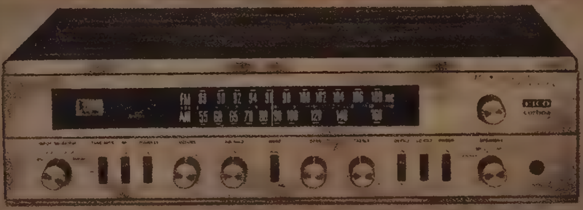
Easy-to-build stereo FM receiver kit offers top performance. Solid-stat
circuit uses finest silicon transistors to deliver 70 watts IHF of magnif
cent stereo sound. Preassembled front-end, multiplex and IF circuit
Five tuned circuits in FM front-end and four double-tuned IF stage
assure excellent sensitivity and selectivity. Tuning meter, stereo ind
cator light, storecast filter, switchable AFC, tape monitor, loudness con
trol, speaker selector.

Response: ±0.5 dB, 8-60,000 Hz. *Sensitivity:* 2.4 μV. *Harmonic Dist*
less than 0.75%. *Hum and Noise:* 70 dB below output. *Separation:* 40 dE
Inputs: magnetic phono, tape, aux. *Outputs:* 4-16 ohms, headphones, re
corder. With walnut-appearance vinyl-clad metal case. 4½x16x9". 11
VAC. Shpg. wt., 14 lbs.
13 C 2342 U. Kit Form. *$9 Monthly*.............................169.9
13 C 2343 U. Factory Assembled. *$13 Monthly*......................259.9

13 C 2336 X. Special Oiled Walnut Case. For 3570 or 3770 plus any auto
matic turntable. Includes dust cover for turntable. Mounting board
uncut. Cut it yourself to fit turntable of your choice. 10 lbs.........39.9

NOTE!

See Hi-Fi Systems Featuring These Receivers on Page 41



Metal Case Included

New Eico "Cortina" 3770 Solid-State 70-Watt Stereo FM-AM Receiver

Kit Form
189^{95}
$10 monthly

Assembled
279^{95}
$14 monthly

Exciting new solid-state stereo receiver kit—FM-AM version of famou
3570, above. Delivers 70 watts of amazingly true-to-life stereo FM a
well as crystal-clear AM. Preassembled front end, multiplex and I
circuits speed and simplify assembly. Premium silicon transistors, fiv
tuned circuits in FM front end and four double-tuned IF stages provid
exceptional stability, sensitivity and selectivity. Loaded with delux
features for top performance. Full controls to tailor sound to your taste

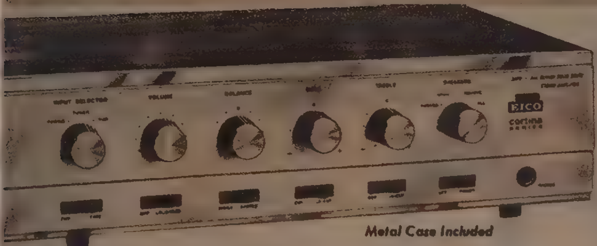
Response: ±0.5 dB, 8-60,000 Hz. *FM Sensitivity:* 2.4 μV. *Harmonic Distor*
tion: less than 1.5%. *Hum and Noise:* 65 dB below output. *Stereo Separa*
tion: 40 dB. *Inputs:* Magnetic phono, tape, aux. *Outputs:* 4-16 ohms
stereo headphones, tape recorder. With vinyl-clad, walnut-finish case
4½x16x9". 115 VAC. 15 lbs.
13 C 2334 U. Kit Form. *$10 Monthly*.............................189.9
13 C 2335 U. Factory Assembled. *$14 Monthly*......................279.9

EICO Stereo Component Kits . . Amplifiers, Tuner and Color Organ

Kit Form $99 95
$5 monthly

Factory Assembled $139 95
$7 monthly

EICO
KITS
STEREO HI-FI


Metal Case Included

"Cortina" 3070 Solid-State 70-Watt Stereo Amplifier

ighly-popular solid-state amplifier kit offering excellent value and pow-rful performance. All-silicon transistor circuit and transformerless out-ut stage for remarkably pure full-range response. Special high-gain reamplifier has high overload level for clean amplification over a wide ynamic range. Full set of controls includes; tape monitor, loudness ontour, low and high cut filters, speaker selector switch. Scratch and umble filters. Front-panel stereo headphone jack.

ower Output: 70 watts IHF at 4 ohms. *Response:* ±1.5 dB, 5-100,000 Iz. *Harmonic Distortion:* less than 0.8%. *IM Distortion:* less than 1%. *um and Noise:* 72 dB below rated power. *Inputs:* magnetic phono, tuner, ux. *Outputs:* 4-16 ohms, ext. speaker, headphones, recording. With etal case. 3¼x12x8". For 115 VAC. Shpg. wt., 8 lbs.

3 C 2338 X. **Kit Form.** *$5 Monthly*........................:99.95
3 C 2339 X. **Factory Assembled.** *$7 Monthly*........................139.95

"Cortina" Stereo FM Tuner Kit

Kit Form $99 95 $5 monthly

Assembled $139 95 $7 monthly

Model 3200. Superb solid-state stereo FM tuner kit is loaded with extras to assure brilliant performance. Preassembled front end, multiplex and IF's. Two RF stages, 5 tuned circuits, four-stage double-tuned IF circuit. Automatic stereo switching. Tuning meter, stereo indicator, SCA filter. Sensitivity, 2.4 μV. Perfect mate for 3070 amplifier, left. With metal case. 3¼x12x8". 115 VAC. Shpg. wt., 7 lbs.

13 C 2340 X. **Kit Form.** *$5 Monthly* ..99.95
13 C 2341 X. **Assembled.** *$7 Monthly*..139.95

New 3150 Solid-State 150-Watt Stereo Amplifier Kit

Metal Case Included

Kit Form $149 95
$8 monthly

- Tremendous 150-Watt IHF Power Output at 4 Ohms
- Has All Silicon Transistors for Finest Sound
- Handsome Vinyl-Finish Walnut-Grain Metal Case

Deluxe new 150-watt stereo amplifier kit boasts features and performance you would expect to pay far more for. Solid-state circuit with all-silicon transistors. Provides astonishingly pure sound reproduction for true-to-life stereo realism. Full array of controls and filters plus speaker selector switch. Output transistor protection. *Power Output:* 150 watts IHF at 4 ohms; 100 watts rms. *Response:* ±1.5 dB, 10-50,000 Hz. *Harmonic Distortion:* 0.1%. *Hum and Noise:* −70 dB. *Inputs:* magnetic phono, tuner, aux., tape. *Outputs:* 4-16 ohm speakers, ext. speaker, headphones, recording. 2 AC convenience outlets, one switched. With metal case. 3⅛x15x7½". For 115 VAC. Shpg. wt., 17 lbs.

13 C 2254 U. **Kit Form.** *$8 Monthly*........................149.95
13 C 2253 U. **Factory Assembled.** *$12 Monthly*..................225.00

NOTE!

For Selected Stereo Systems Featuring Eico "Cortina" Amplifiers, See Page 49

New Eico 3440 Color Organ Kit

Kit Form $49 95
$5 monthly

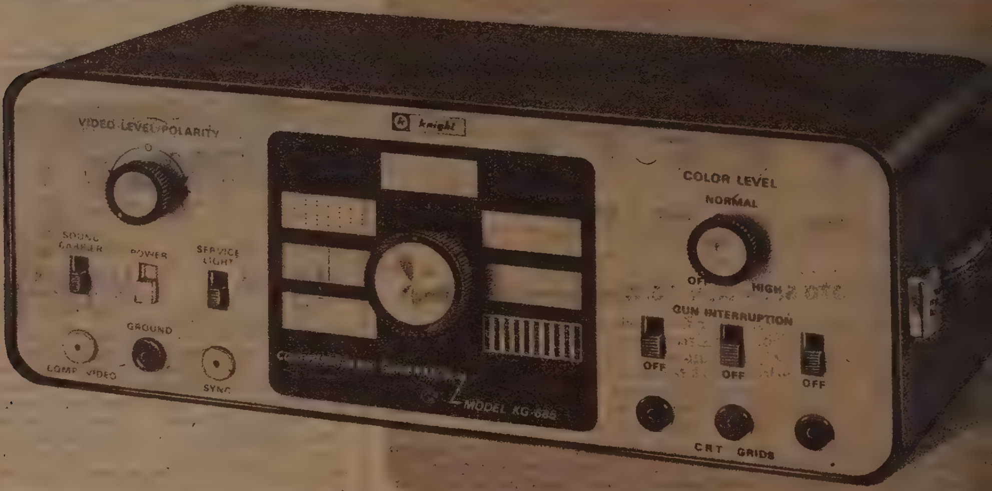
Spectacular Light Display Follows Music

See your favorite music displayed in thrilling color! Color and intensity change with the frequency and volume of the music. Connects in seconds to speaker leads of any hi-fi, guitar amplifier, recorder—you can use one or two 3440's with your stereo system. Volume control assures full performance with any power input level. Has no effect on sound quality. Solid-state circuit—not mechanical. Shatterproof 9x14" screen. Walnut grain wood case, 10x15x6". 115 VAC. 12 lbs.

13 C 2255 U. **Kit.** *$5 Monthly*......49.95
13 C 2256 U. **Assembled**.............79.95

knight-kit
KITS
TEST INSTRUMENTS

Adjust Convergence and Color for Movie-Clear TV With This Deluxe Generato


knight
VIDEO LEVEL/POLARITY
SOUND CARRIER
POWER
SERVICE LIGHT
GROUND
COMP VIDEO
SYNC
MODEL KG-685
COLOR LEVEL
NORMAL
OFF
HIGH
GUN INTERRUPTION
OFF
OFF
OFF
CRT GRIDS

KG-685 Kit $\$89^{95}$ **$5 monthly**

KG-685 Portable Solid-State Color Bar/Pattern Generator Kit

✓ CHECK THESE IMPORTANT EXTRAS

- ✓ 3 Crystal-Controlled Oscillators, plus 19 Silico Transistors for Outstanding Stability and Reliability
- ✓ Single Control Selects Any of Seven Crystal-Controlle Patterns—No Need for Synchronization with Set
- ✓ Color Gun Interrupters Have Insulation-Piercing Clips for Fast, Safe Connection to Receiver Under Test
- ✓ Roomy Storage Compartment for All Cables, plu Self-Contained Service Light and Mirror
- ✓ Special Power Transformer with Low External Fiel Eliminates Magnetic Effects on Color CRT
- ✓ Composite Sync Output of -2 Volts Allows Accurat Work on All Zenith Color TV Sets

7 ACCURATE, STABLE PATTERNS

1. Purity Adjustment
2. Ten Color Bars
3. Small Dot Pattern
4. Horizontal Lines
5. Vertical Lines
6. Crosshatch Pattern
7. 6-Position Gray Scale

KG-685 Portable Solid-State Color Bar/Pattern Generator Kit

KG-685 Kit **\$89^{95}** $5 monthly

Fully portable and easy-to-operate—perfect choice for on-the-bench and in-the-home color TV servicing. Saves time—pays big dividends—and you save money by building it yourself! Offers the most for your money—outstanding performance; rock-like stability; and day-in, day-out reliability. Precision solid-state circuit use 22 transistors (19 silicon types including Unijunction Counters) plus 8 diodes for utmost dependability and operating efficiency.

Seven patterns provide all the displays needed for complete color set adjustments: 10 color bar signals; purity, tracking and crosshatch patterns; dots; vertical lines; horizontal lines. All displays are extremely well-defined with low background noise. Pattern provided for synchronization and quieting when making purity adjustments does not require the usual tube removal or other quieting "tricks." Unique gray scale pattern provides 6 discrete levels of brightness for gun tracking adjustments. Color bars are brightness keyed for more precise color adjustments. Horizontal display elements are only one-raster-line thick for ultimate definition. Crystal-controlled patterns eliminate any need for synchronization with test set. Solid-state design for instant operation.

Insulation-piercing clips on gun interrupters allow fast and positive connection to receiver under test. Shaded light source has handy clip mount for convenient lighting of service adjustments in darkened room. Highly polished service mirror stores under bottom of case. Roomy storage compartment in back of case for all test cables. Special power transformer has extremely low external field to eliminate magnetic effects on color CRT. Rugged steel case, 4⅝x9⅝x12". With all parts, test cables, detailed step-by-step instructions. For 110-130 V, 60 Hz AC. Shpg. wt., 14 lbs.
22 C 3989 X. *$5 Monthly*.........................89.95

SPECIFICATIONS

Seven Crystal-Controlled Displays: purity, tracking, dots, crosshatch, vertical lines, horizontal lines and color bars. *RF Output:* 10,000 μV minimum, tunable to channels 3, 4 or 5. *Composite Video Output:* ±2 volts peak-to-peak. *Composite Sync Output:* −2 volts (for Zenith color sets). *Master Oscillator:* 189 kHz, crystal-controlled. *Color Oscillator:* 3.56 MHz, crystal-controlled. *Sound Subcarrier Oscillator:* 4.5 MHz, crystal-controlled. *Front Panel Controls and Jacks:* Display Selector Switch; Sound Carrier On/Off Switch; Power On/Off Switch; Service Light On/Off Switch; Gun-Interruption On/Off Switches (three—one red, one blue, one green); Color Level Control (off through high, continuously variable); Video Level/Polarity (continuously variable level with choice of polarity); 6 Pin Jacks: (three signal output and three CRT grids). *Rear Panel Controls and Adjustments:* Channel Tuning; Vertical Intensity (screwdriver adj.); Timing (5 screwdriver adj.); 6-circuit Test Jack. *Cables Supplied:* RF Output, 4-ft. long with alligator clips; Gun Interrupter, 4-ft. long with lead-piercing, color-coded alligator clips and ground lead; Service Light, 3-ft. long with insulated mounting clip, hi-intensity lamp and shade; Composite Video and Sync, 4-ft. with alligator clips and ground. *Power Requirements:* 110-130 V, 60 Hz AC. *Fuse:* Internal, ¼-amp quick blow. *Power Consumption:* approximately 10 watts.

Acclaimed by The Experts!

> *"Considering . . . the output test signals and the conveniences . . . the KG-685 . . . in kit form . . . ranks as a first choice in color bar generators."*
> RADIO-TV EXPERIMENTER

> *"Not only does the manual tell how to use the generator . . . it also contains a large, useful section on the color tube and . . . adjustments . . ."*
> ELECTRONICS WORLD

Color TV Servicing Starter Package

Save $10.00 **\$210^{80}** $11 monthly

Separately, $220.80. Includes **Knight-Kit KG-685 Color Bar/Pattern Generator Kit; KG-635 5" Wideband Oscilloscope Kit with Direct Test Leads; 3 Books: "Color TV Servicing Made Easy"; "Color TV Trouble Clues," and "Know Your Color TV Test Equipment."** Shpg. wt., 45 lbs.
22 C 0493 L3Z. *$11 Monthly*......210.80

Deluxe Color TV Service Package

Save $15.00 **\$315^{75}** $16 monthly

Separately, $330.75. For advanced color servicing, precision adjustments, etc. Features same fine quality components as above, plus **Knight-Kit KG-687 RF Sweep/Marker Generator Kit.** 58 lbs.
22 C 0488 L4Z. *$16 Monthly*.......315.75

Sams Color TV Books

Color TV Servicing Made Easy. Circuits, test equipment, installation, antennas, alignment. 192 pages. 5½x8½".
23 C 7128 E. Shpg. wt., 12 oz..........3.95

Color TV Trouble Clues. Vol. 2. Illustrated guide. 96 pages. 5½x8½".
23 C 7734 E. Shpg. wt., 5 oz...........2.50

Know Your Color TV Test Equipment. Explains instrument function and circuit action. 160 pages. 5½x8½".
22 C 3145 EX. Shpg. wt., 8 oz..........3.50

RCA Color TV Pict-O-Guide. Covers troubleshooting and adjusting color TV receivers. 153 pages. 6x9½".
23 C 7392 E. Shpg. wt., 1¼ lbs......6.00

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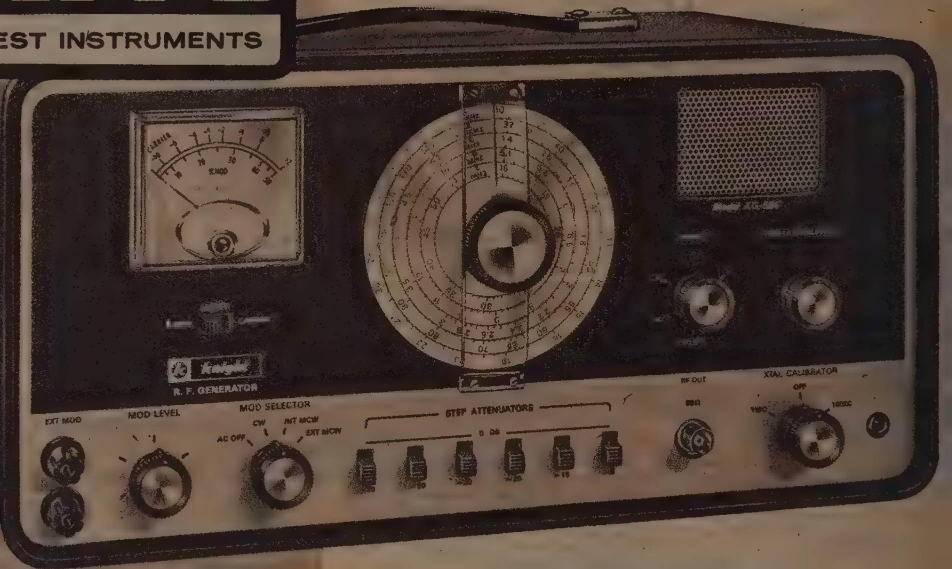
KITS

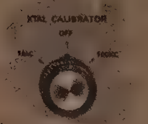
TEST INSTRUMENTS

KG-686 Laboratory RF Signal Generator Kit

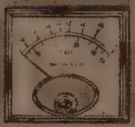


PROFESSIONAL FEATURES

Easy-to-Read Metal Dial Has 6:1 Vernier Drive with Anti-Backlash for Precise Frequency Selection



Built-In 100-kHz/1 MHz Crystal Calibrator, Frequency Accuracy Usable to ±0.1%



Switchable 200-μA D'Arsonval Meter Shows Accurate RF Carrier or Modulation Level

SOLID STATE

With Built-In Crystal Calibrator **$95.00** $5 monthly

Delivers the professional performance of RF generators costing much more. Boasts *all-silicon-transistor* circuit, plus built-in 100 kHz/1 MHz crystal calibrator. Covers 100 kHz to 54 MHz (includes all television IF frequencies). Accuracy is ±1.5% on any of five fundamental bands, usable to ±0.1% with crystal calibrator.

Floating-type chassis-isolated oscillator; tunable L and C on every band. Six individually-shielded, separate step-attenuator switches offer 21 discrete levels to −96 dB. Fine attenuator control covers −10 to +2 dB. Detector-amplifier-speaker gives "zero" beats from calibrator. Bridged "T," two-stage modulation oscillator. Easy-to-read 4" metal dial has two alternating colors; 6:1 vernier drive with anti-backlash.

Careful chassis layout and generous copper shielding assure minimum radiated leakage. Regulated power supply for excellent output stability. Output is calibrated into 50-ohm load, 120,000 μV max. Point-to-point wiring. Sturdy all-steel case, $10\frac{1}{4}$x$14\frac{3}{4}$x$7\frac{3}{4}$". Detachable line cord for easy storage and service. With BNC output jack, mated terminal cable, solder, instructions. For 110-130 V, 60 Hz AC.
22 C 3993 X. Shpg. wt., 15 lbs. *$5 Monthly*......................95.00

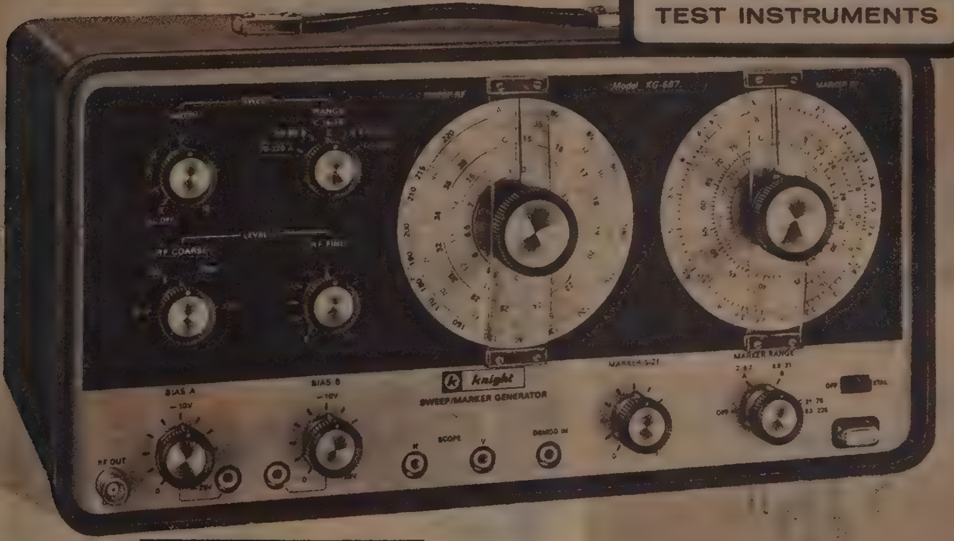
SPECIFICATIONS

Frequency Coverage: 100 kHz to 54 MHz in 5 fundamental bands. Band A, 100-370 kHz; Band B, 370-1400 kHz; Band C, 1.4-5.1 MHz; Band D, 5.1-16 MHz; Band E, 16-54 MHz. *Frequency Accuracy:* ±1.5%, usable to ±0.1% with built-in 100 kHz/1 MHz crystal calibrator. *Calibrator:* 100 kHz (derived)/1 MHz. Accuracy, ±0.05%. Detector-amplifier-speaker system for audible "zero" beats. *Calibrated Output:* 50-ohm load, 120,000 μV max. *Open-Circuit Uncalibrated Output (min. rms):* Band A, 3 V; Band B, 2 V; Band C, 0.6 V; Bands D, E, 0.3 V. *Attenuation:* Six step attenuators; 21 levels to −96 dB. Fine control covers −10 to +2 dB. Outputs to −106 dB (0.5 μV) may be obtained. *Internal Modulation:* 400 Hz at ±20%. *External Sens.:* 1 Vrms for 50% modulation.

> *"An honest-to-goodness calibrated-output RF signal generator for under $300? Yep, less than $100! It's Allied Radio's KG-686."*
>
> ELECTRONICS ILLUSTRATED

KG-687 Professional Sweep/Marker Generator Kit

knight-kit
KITS
TEST INSTRUMENTS



SOLID STATE

With 4.5 MHz Crystal **$120.00** **$6 monthly**

For color, black-and-white TV, FM and stereo-FM servicing. All-electronic sweep from 1 Hz to as high as 18 MHz at highest center frequency; crystal-controlled and variable post-injected marker system. Sweep oscillator covers 3-220 MHz on five fundamental bands; marker oscillator covers 2-225 MHz on four bands (three fundamental, one harmonic). Stable, *all-silicon-transistor* circuit.

Features fully regulated power supply; dual regulated and calibrated, independently adjustable 0 to −20 V AGC bias supplies. Automatic level control with AC/DC coupled feedback; 5-band saturable reactor. 4-step decade attenuator with continuously variable level control. 4″ metal dials are marked in two alternating colors; smooth 6:1 vernier drive with anti-backlash for precise frequency selection. Has RF retrace blanking and horizontal phase adjustment for use with oscilloscopes; front panel horizontal and vertical scope outputs.

4.5 MHz crystal may be internally mixed with variable marker; front panel on-off switch for crystal function. Open chassis layout, neat point-to-point wiring. Steel case, 10¼x14¾x7¾″. With 4.5 MHz crystal, all parts, instructions. For 110-130 V, 50-60 Hz AC.

22 C 3994 X. Shpg. wt., 13 lbs. *$6 Monthly*	120.00
22 C 3356 X. 5-MHz Crystal. Fits HC-6/U Holder. Wt., 3 oz.	4.95
22 C 3357 X. 10.7-MHz Crystal. Fits HC-6/U Holder. Wt., 3 oz.	4.95

SPECIFICATIONS

Sweep Oscillator. *Frequency Range:* 3-220 MHz. *Output Levels:* 3 to 50 MHz, 0.3 Vrms min.; 50-120 MHz, 0.1 Vrms min.; 120-220 MHz, 0.05 Vrms min. *Amplitude Regulation:* (for sweep widths not to exceed 20%) 3-50 MHz, ±.5 dB; 50-220 MHz, ±1 dB. *Output Impedance:* 75 ohms. *Output Attenuator:* 4-step decade, continuously variable level control. *Sweep Width:* variable from 0-18 MHz on Band B; 0-8 MHz at TV IF frequencies. *Sweep Frequency:* 60 Hz. **Marker Oscillator:** *Variable Frequency Ranges:* Band A, 2-6.7 MHz; Band B, 6.6-21 MHz; Band C, 21-75 MHz; Band D (harmonic) 65-225 MHz. *Fixed Frequencies:* 4.5-MHz crystal included, 500-kHz to 20-MHz crystals in HC-6/U holders may be used. *Cables Supplied:* RF Output; Demod. Signal; Oscilloscope Leads; Bias Supply Leads.

PROFESSIONAL FEATURES

4″ Metal Dials with 6:1 Vernier Drive and Anti-Backlash for Precise Frequency Selection

Both Variable and Crystal-Controlled Markers May Be Mixed Internally—On-Off Switch for Crystal

Separate, Fully Regulated Dual AGC Bias Supplies Calibrated 0 to −20 V. for Units Under Test

BIAS A
BIAS B

knight-kit

KITS

TEST INSTRUMENTS

SOLID STATE

KG-688 Sine/Square Wave Generator Kit

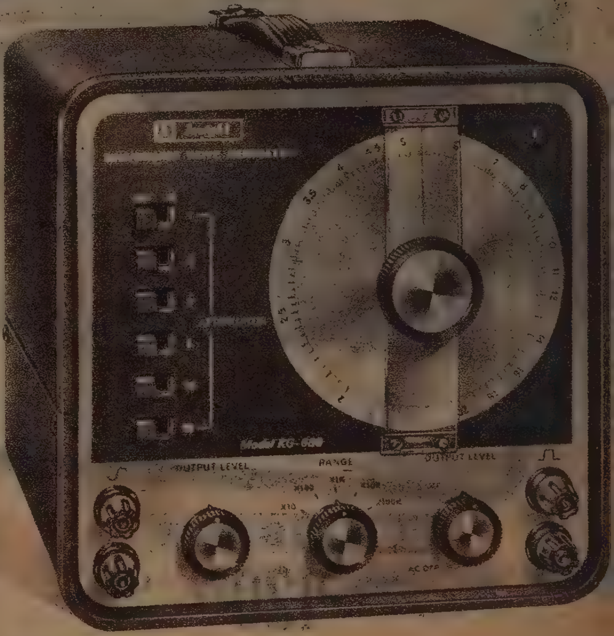
Ideal for Audio, Ultrasonic, AM Testing

SINE WAVE
20 Hz to 2 MHz in 5 Ranges
SQUARE WAVE
20 Hz to 200 kHz in 4 Ranges

KG-688 Kit

$\$75^{00}$

$5 monthly



Ideal signal source for audio amplifier circuits, transducers, sonar and supersonic apparatus, all types of electronic equipment. Sine wave frequency range covers 20 Hz to 2 MHz (includes entire AM radio band). Square wave frequency range covers 20 Hz to 200 kHz. Uses *all-silicon* transistors for excellent stability and reliability.

Precision Sulzer oscillator circuit boasts Field-Effect-Transistor for outstanding accuracy. Complementary-symmetry output for low impedance and distortion. Multiple feedback circuit employs barreter element for constant amplitude output. Sine wave output voltage is adjustable from 0-7.5 Vrms into loads of 10K ohms or higher. Square wave output voltage is adjustable from 0-10 volts p-p into high-impedance loads. Constant-impedance, calibrated step attenuators provide up to 41 dB attenuation in discrete 1 dB steps. Easy-to-read 4″ dial; smooth 6:1 vernier drive with anti-backlash.

Ground post available at rear of chassis. Positive-lock, 5-way binding posts accept standard GR plugs. Careful chassis layout, neat point-to-point wiring. Metal case, 7¾x7⅜x10¼″. Two-wire line cord is detachable for easy storage and service. With solder, step-by-step instructions. For 110-130 V, 50-60 Hz AC.

22 C 3995 X. Shpg. wt., 10 lbs. *$5 Monthly*	75.00
22 C 3369 X. Optional 3-Wire Line Cord. Wt., 1 lb.	1.98

CHECK THESE DELUXE FEATURES

- ✓ All-Silicon Semiconductors for Super-Stability
- ✓ Clearly Calibrated, Heavy-Gauge Aluminum Dial
- ✓ 6:1 Planetary-Ball, Anti-Backlash Vernier Drive
- ✓ Heavy Molded Hairline Cursor for Exact Selection
- ✓ Sine Wave Frequency Range Covers Entire AM Band
- ✓ Sine Wave Output Adjustable from 0 to 7.5 Volts rms
- ✓ Square Wave Rise Time Less Than 0.1 μsec at 20 kHz
- ✓ Square Wave Output Adjustable from 0 to 10 Volts p-p

SPECIFICATIONS

Sine Wave Section. *Frequency Coverage:* 20 Hz to 2.0 MHz in 5 ranges. X10; 20 Hz to 200 Hz; X100, 200 Hz to 2 kHz; X1K, 2 kHz to 20 kHz; X10K, 20 kHz to 200 kHz; X100K, 200 kHz to 2 MHz. *Output Voltage:* adjustable 0-7.5 Vrms into 10K ohms or higher, 0-6.5 Vrms into 600 ohms. *Source Impedance:* 600 ohms nominal using attenuators. *Distortion:* less than 0.25% across entire audio range. *Frequency Accuracy:* ±3% over entire range, except ±5% below 100 kHz and above 1 MHz. **Square Wave Section.** *Frequency Coverage:* 20 Hz to 200 kHz in 4 ranges. X10, 20 Hz to 200 Hz; X100, 200 Hz to 2 kHz; X1K, 2 kHz to 20 kHz; X10K, 20 kHz to 200 kHz. *Output Voltage:* adjustable 0-10 volts p-p into high-impedance loads. *Source Impedance:* 200 ohms nominal. *Rise Time:* less than 0.1 μsec at 20 kHz.

Regulated Power Supply Kits for Every Test Need

KG-664 0-400 VDC Supply Kit

- Less Than 1.0% Output Variation
- Front Panel Current, Voltage Meters
- Under 5-mV Ripple, Jitter, and Noise

Versatile B+/filament/bias supply kit provides multiple voltages for circuit development, check and repair. Delivers 0 to 400 V regulated DC power at up to 200 mA; 0 to −100 V bias power at 1 mA; 6.3 VAC at 6 A or 12.6 VAC at 3 A for filament supply. Two Simpson D'Arsonval meters monitor voltage and current simultaneously. Switchable voltmeter reads 0 to 400 VAC or 0 to −100 VDC. Ten isolated five-way binding posts on front panel for maximum versatility; rear chassis binding post. Output has less than 5 mV rms ripple, jitter and noise. Heavy-duty Operate/Standby switch; detachable 2-wire line cord. Heavy-duty transformer; convection cooling. 7¾x14¾x9¾". 110-130 V, 50-60 Hz. AC.

22 C 3905 X. Shpg. wt., 20 lbs. 89.95

KG-663 0-40 VDC Supply Kit

- Variable Automatic Current Limiting
- Remote Programing and Sensing
- Regulated for Line, Load Variations

Low-voltage regulated DC power supply kit for lab, shop and service use. Offers 0-40 V DC power at 0-1.5 A. Regulated for line and load variations; variable automatic current limiting control for complete short-circuit protection. Has: *silicon* transistor circuit; concentric coarse and fine voltage adjust controls. Two Simpson D'Arsonval meters monitor voltage and current simultaneously. Heavy-duty Operate/Standby switch. Output is available at both front and rear panels. Provision for remote programing and sensing. Output has less than 0.6 mV rms ripple. Positive-lock 5-way binding posts accept standard GR plugs. With 2-wire line cord. 7¾x7½x10¾". 110-130 V., 50-60 Hz AC.

22 C 3904 X. Shpg. wt., 16 lbs. 84.95

KG-661 0-25 VDC Supply Kit

- Complete Short-Circuit Protection
- Stable, Silicon Transistor Circuit
- Automatic Current Limiting Circuit

Serves as well-filtered, low-power DC source for engineers, technicians and servicemen. Ideal as battery substitute in transistor radio servicing. Offers 0-25 VDC at 0-0.5 A. Automatic current limiting at 0.7 A (short-circuited) provides complete burn-out protection. Both line and load variations are fully regulated. Low ripple output—less than 7 mV rms at full rated load. Has stable *silicon* transistor circuit; front panel voltmeter. Two five-way binding posts on front panel; chassis binding post on rear panel for convenient positive or negative grounding. Generous transistor heat sinking. Detachable 2-wire line cord. 5½x4¼x7½". 110-130V, 50-60Hz AC.

22 C 3902 X. Shpg. wt., 6½ lbs. 29.95

22 C 3369 X. Optional 3-Wire Line Cord. For all units above. Wt., 1 lb. 1.98

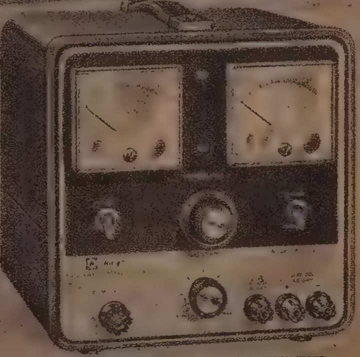
knight-kit

KITS

TEST INSTRUMENTS

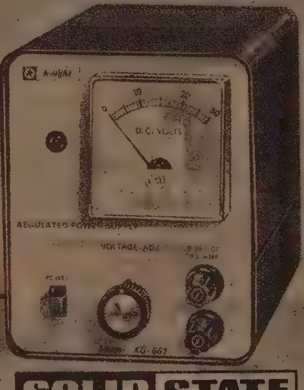
0 to 400 VDC
0 to −100 VDC
6.3 and 12.6 VAC
KG-664 Kit
$89.95
$5 monthly

0 to 40 VDC
0 to 1.5 A
KG-663 Kit
$84.95
$5 monthly



SOLID STATE

0 to 25 VDC
0 to 0.5 A
KG-661 Kit
$29.95
$5 monthly

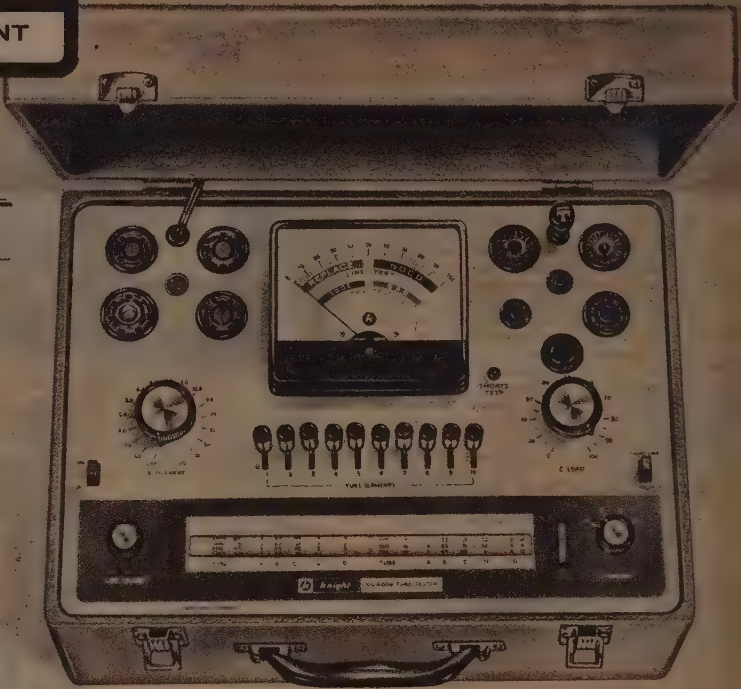


SOLID STATE

knight-kit
KITS
TEST EQUIPMENT

KG-600B Tube Tester Kit

CHECKS OVER 2300 TUBE TYPES



- Advanced Features at Lowest Cost
- Lightweight, Portable and Very Accurate
- Professionally Styled and Easy-to-Use
- Famous Knight-Kit Assembly Ease

$46.50 $5 monthly

This professionally styled tube tester is ideal for today's complex radio-TV and hi-fi servicing. Accurately checks over 2300 tube types including: nuvistors, novars, compactrons; 4, 5, 6 and 7-pin large tubes; 7, 9, and 10-pin miniature tubes; octals, loctals, and pilot lamps. Extra-large, easy-to-read meter indicates tube condition on GOOD-REPLACE emission scale. Separate GOOD-BAD gas test scale; 0-100 numerical scale. Neon indicator shows filament continuity and leakage or shorts between tube elements. Filament switch selects 16 different voltages from 0.63 to 117 volts. Easy-action, universal-type selector switches for fast, easy setups. Illuminated roll chart with smooth thumbwheel drive. Line adjust control corrects for variations in line voltage. Gray, fabrikoid-covered portable case, with latching cover and carrying handle. 6½x14½x10½". With all parts, solder, detailed instructions. 110-130 V, 50-60 Hz AC.
22 C 3920 X. Shpg. wt., 13 lbs. *$5 Monthly*........................46.50

SPECIFICATIONS

Tester Type: cathode conductance (emission). *Tube Condition Indicator:* 3-color 4½" meter with GOOD-REPLACE, GOOD-BAD, and 0-100 numerical scales. *Individual Element Tests:* shorts, opens and continuity indicated by neon lamps; emission and gas by GOOD-REPLACE and GOOD-BAD scales. *Filament Voltages:* 0.63, 1.4, 2.0, 2.5, 3.0, 4.2, 5.0, 6.3, 7.5, 12.6, 19.6, 25, 32, 50, 70, and 117 volts. *Line/Load Voltage Adjustments:* power rheostat located in primary of power transformer compensates for line voltage variations.

Save $5

$81.45
$5 monthly

Basic Test/Service Group

Separately, $86.45. For accurate checks of radio-TV, hi-fi equipment. Consists of Knight-Kits: KG-600B Tube Tester Kit; KG-625 6" VTVM Kit. Voltmeter reads AC volts (p-p and rms), DC volts, resistance. Has easy-to-use controls, single AC-ohms/DC probe. With all parts, assembly instructions. Shpg. wt., 22 lbs.
22 C 0172 L2X. *$5 Monthly*.........81.45

Accessories and Books

TV Picture Tube Harness. For use with Knight-Kit Series 600 tube testers. Checks black-and-white TV picture tubes with up to 90° deflection. Assembled.
22 C 3141 X. Shpg. wt., 8 oz.........4.50

110° Adapters. Set of two for harness above. Checks black-and-white TV tubes up to 110° deflection. Assembled.
22 C 3271X. Shpg. wt., 3 oz.........4.50

RCA Tube Manual RC-26. Latest updated edition. Technical data on all current receiving tubes plus detailed information on color and black-and-white TV tubes. 608 pages. 5⅜x8⅜".
23 C 7676E. Shpg. wt., 1½ lbs.....1.50

Howard W. Sams Tube Substitution Handbook. Latest edition. Lists over 11,000 direct tube substitutions, including European types. 128 pages. 5½x8½".
23 C 7277E. Shpg. wt., 5 oz.........1.75

NOTE: 600 SERIES OWNERS

New tube data subscription plan now available. For information, write to:

COLETRONICS TUBE DATA SERVICE
1744 Rockaway Ave.
Hewlett, L.I., New York 11557

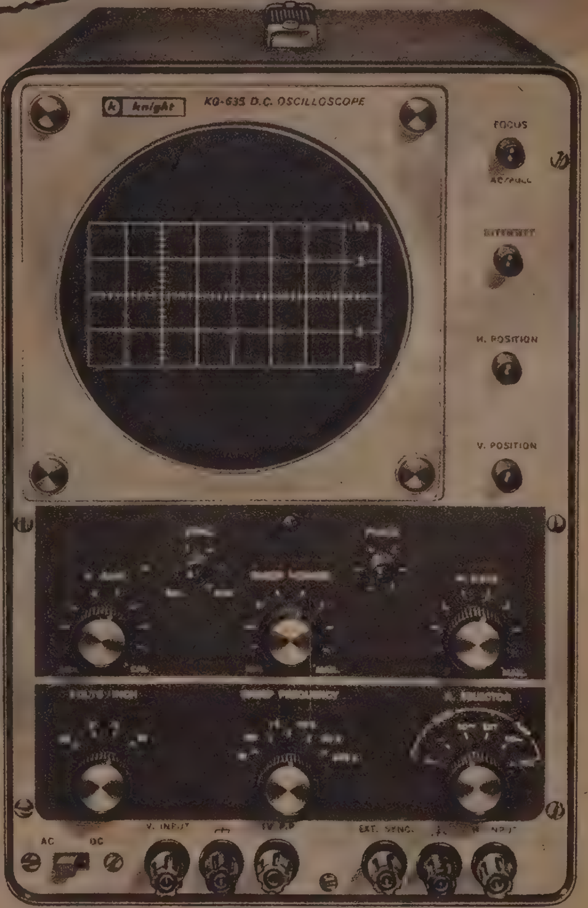
KG-635 5-inch Oscilloscope Kit

DC TO 5.2 MHz RESPONSE FOR COLOR TV

knight-kit
KITS
TEST EQUIPMENT

> ". . . instrument is well-engineered and a very worthwhile addition to the test bench . . ."
> ELECTRONICS WORLD

> ". . . as close as you can get to a 'professional' or 'lab' scope without actually getting one of those . . ."
> RADIO-ELECTRONICS



- **Dynamic Sync Limiter**
- **DC Coupled Amplifiers**
- **Auto Astigmatism Correction**
- **17 mV rms/inch Vert. Sensitivity**

$119⁹⁵
$6 monthly

Five-inch DC-coupled scope meets practically every wideband test and service requirement—great for color TV. Features excellent linearity and lock in characteristics; dynamic sync limiter; automatic astigmatism correction. 1650-volt accelerating potential for bright, sharp traces under all operating conditions.

Has 5 linear time base ranges: 10-100 Hz, 100-1000 Hz. 1-10 kHz, 10-90 kHz, 90-400 kHz. Series/shunt peaking and DC coupling provide optimum wideband response. Vertical attenuator is marked directly in volts/inch. Has regulated power supply; retrace blanking; tapped primary transformer for operation from high or low AC line; front panel voltage calibrator output. Calibrates without other equipment.

Scale has X and Y linear grids. 5-way binding posts with standard ¾" spacing. 11⅞x7⅞x15⅝". Instructions. Order assembled probes below. 110-130 V, 50-60 Hz AC. Japan.

22 C 3979 Z. Wt., 29 lbs. Express	119.95
22 C 3152 X. Direct Test Leads. 1 lb.	**1.95**
22 C 3150 X. 12-pF Low-Cap. Probe. 8 oz.	**5.95**
22 C 3151 X. 250-MHz Demod. Probe. 8 oz.	**5.95**

SPECIFICATIONS

VERTICAL. *Sensitivity:* 17 mV rms/inch (7 mV rms/cm) min. calibrated at 0.5 V p-p/inch. *Response:* ±1.5 dB, DC to 5.2 MHz. *Color Bandpass:* ±0.5 dB. *Overshoot:* less than 6%. *Rise Time:* 70 nsec. *Input Impedance:* 3 meg shunted by 35 pF. **HORIZONTAL.** *Sensitivity:* 0.6 V rms/inch. *Response:* ±1.5 dB, 1 Hz to 400 kHz. *Inputs:* internal time base, 60 Hz phase controlled and external. *Input Impedance:* 7 megs shunted by 25 pF. *Synchronization:* internal + and −, 60 Hz and external. *External Sync Sens.:* 150 mV rms @ 1 kHz. **GENERAL:** *Calibration Voltage:* 60 Hz sinusoidal, 100 mV p-p, ±5%. *Z-Axis Input:* 10 volts negative for beam cutoff. *Impedance:* 1 meg. *Tubes:* 9, plus 5" flat-face CRT, 2 rectifiers.

KG-635 Oscilloscope Kit with Most-Wanted Accessories

Separately, $140.25. For speedy, profitable service jobs. Consists of: **Knight-Kit KG-635 Oscilloscope Kit; Direct Test Leads with Clip, Insulator, Double Plug; 12-pF Low-Capacity Probe; 250-MHz Demodulator Probe; Two Howard W. Sams Books: "Know Your Oscilloscope" and "Troubleshooting with the Oscilloscope".** Leads and probes are fully assembled. Books are clearly written in non-technical language; give helpful hints on service, adjustments, troubleshooting, calibration, etc. Shpg wt., 30 lbs. Express.
22 C 0079 L2Z. *$7 Monthly* . . . 134.95

Save $5.30
$134⁹⁵
$7 monthly

TROUBLESHOOTING with the OSCILLOSCOPE

knight-kit

KITS

TEST INSTRUMENTS

KG-2100 Triggered Sweep Scope Kit

$245.00

$13 monthly

OUR FINEST SCOPE KIT . . FOR LABORATORY OR SERVICE SHOP

SPECIFICATIONS

Vertical Bandwidth on DC: DC to 5 MHz, 3 dB down. Less than 2% overshoot on a 500-kHz square wave. Reference to 1 kHz, with vertical display height of 6 cm, and sensitivity from .05 volt/cm to 20 volts/cm.

Vertical Bandwidth on AC: With AC preamp in .005, .01 and .02 volt/cm ranges, 5 Hz to 1.5 MHz, 3 dB down. Reference to 1 kHz and vertical display height of 6 cm. On ranges from 0.5 volt/cm to 20 volts/cm, AC response is 5 Hz to 5 MHz, 3 dB down.

Rise Time: 85 nanoseconds or less to display height of 6 cm.

Vertical Sensitivity: DC Coupled, .05 volt, p-p/cm; AC coupled, .005 volt p-p/cm.

Input Impedance: 1 meg shunted by 40 pF.

Calibration Voltage: 0.1 volt p-p, regulated ±5%. Output available at front panel.

Horizontal Bandwidth: DC—800 kHz, ± 3 dB.

Horizontal Sensitivity: Approximately 0.04 volt/cm. Variable attenuator on front panel.

Input Impedance: 1 megohm.

Sweep Range: 0.05 sec/cm to 200 nsec/cm in 16 ranges by use of basic sweep ranges (10 milliseconds, 1 millisecond, 100 microseconds, 10 microseconds, 1 microsecond) and multiplier switch plus X5 expansion. 10:1 multiplier vernier control extends slowest sweep to 0.1 sec/cm. Provision for external capacitor for very slow sweeps. Sweep timing accuracy capability is within 3%.

Triggering Sensitivity: 200 mV external, ½ cm deflection internal.

Triggering Inputs: line, external AC and DC, internal AC and DC. Level is adjustable for triggering or may be pre-set.

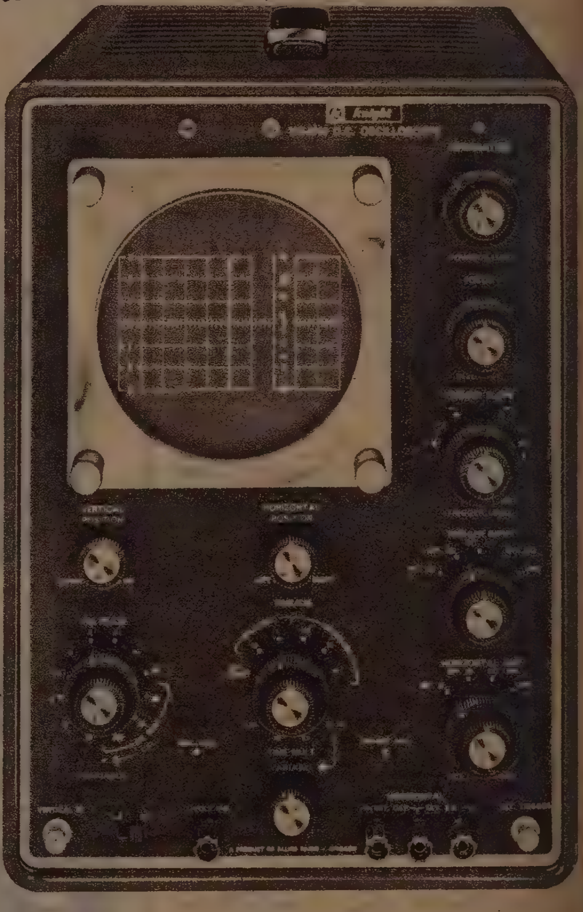
Active Elements: 21 tubes, premium voltage regulator, flat-face CRT, and 7 diodes.

Power Requirements: 110-130 V, 60 Hz AC.

Power Consumption: 200 watts.

> "There was no jitter and hum, just clean sweeps . . . The KG-2100 is well worth the price, time and effort . . ."
>
> RADIO-ELECTRONICS

> ". . . a truly professional instrument . . . it may be well worth it just to have that extra 'horse-power' . . ."
>
> AUDIO



KG-2100 DC to 5 MHz 5-inch Oscilloscope Kit

Knight-Kit's finest oscilloscope kit, designed to meet the needs of laboratory and industry. Features high vertical sensitivity for properly servicing transistorized equipment; fast rise time; built-in Rotron cooling fan; regulated high and low-voltage power supplies for outstanding circuit stability and reliability.

Triggered, continuous time base control. Signals as small as ½ cm on CRT face will permit triggering. Special pre-set lock-in mode eliminates need for readjustments with inputs of varying amplitudes or frequencies. Pre-set may be disabled and continuous slope control locks in any portion of signal. Both trigger and amplifier circuits are DC coupled. Vertical off-scale indicators provide maximum convenience in viewing traces. 6x10 cm graticule scale is calibrated from −6 to +9 dB; has X and Y linear grids. Sweep speed adjustable from 200 nsec/cm to 0.1 sec/cm. Sweep timing accuracy capability is within 3%.

Color-coded controls. Low-loss BNC connectors. Flat-face 5" CRT. Camera mounting studs for standard camera mounts. Black metal case, 14¼x10⅛x18½". With solder, detailed instructions. 110-130 V, 50-60 Hz AC. Order low-capacity probe below. Express.

22 C 3970 Z. Shpg. wt., 45 lbs. *$13 Monthly*	245.00
22 C 3949 X. Assembled Low-Capacity Probe. Shpg. wt., 1 lb.	22.00

Model KG-625 Deluxe 6-inch Vacuum Tube Voltmeter Kit

With Probe **$39**

With Probe $39.95 $5 monthly

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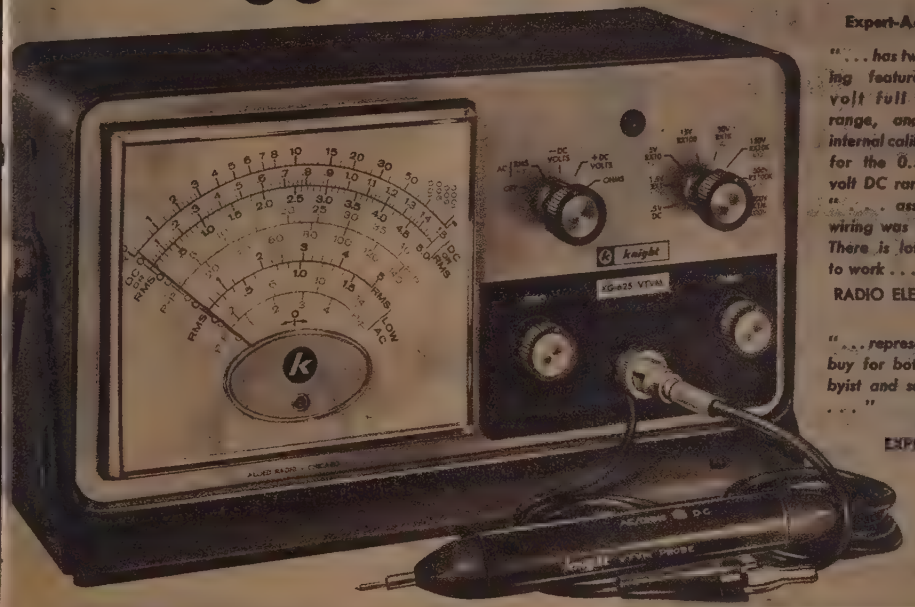
TEST INSTRUMENTS



Expert-Acclaimed!

". . . has two outstanding features: a 0.5 volt full scale DC range, and separate internal calibration pots for the 0.5 and 1.5 volt DC ranges . . ."
". . . assembly and wiring was fairly easy. There is lots of room to work . . ."

RADIO ELECTRONICS

". . . represents a good buy for both the hobbyist and service shop . . ."

RADIO-TV EXPERIMENTER

Knight-Kit's Finest VTVM Kit—Model KG-625

eature-packed VTVM offers ½-volt full-scale DC range for accurately ervicing transistorized equipment. Also has single, switchable AC-hms/DC test probe for quick, easy multiple measurements; neat uildable layout with inverted chassis for simplified assembly; push-ull balanced bridge circuit for accuracy, meter protection.

re-aged bridge tube with matched triode sections assures accurate alibration adjustments. Big 6" meter, 200-μA movement. 10 color-orrelated scales; fluorescent knife-edge pointer. DC polarity reversing witch; zero-center scale for discriminator alignment. Pilot light; low eakage switches; power transformer for line isolation.

recision 1% resistors are used as multipliers. Calibration controls ccessible at back of panel. 7¾x12x5½". With gimbal mounting racket, test probe, ohmmeter battery, all parts, instructions. For 110-30 V, 60 Hz AC. Order accessory probes, book below. Japan.

2 C 3975 X. Shpg. wt., 9 lbs. *$5 Monthly* 39.95
2 C 3130 X. Wired High-Voltage Probe. To 25,000 V. Wt., 1 lb. 6.95
2 C 3131 X. Wired High-Frequency Probe. To 250 MHz. Wt., 1 lb. . . 5.95
3 C 7012 E. "101 Ways to Use Your VOM and VTVM." 144 pages. 3 oz. 2.95

SPECIFICATIONS

C SECTION. *Ranges:* 0-0.5-1.5-5-15-50-150-500-1500 volts full scale. With optional HV probe to 25,000 V. *Accuracy:* ±3% of full scale. *nput Resistance:* 11 meg (1 meg in probe) to 1500 V. AC SECTION. *anges (rms):* 0-1.5-5-15-50-150-500-1500 volts full scale. Separately alibrated scales for 1.5 and 5 volts. *(p-p):* 0-4.2-14-42-140-420-1400-200 volts full scale. Separately calibrated scales for 4.2 and 14 volts. *ccuracy:* ±5% of full scale. *Response:* ±1 dB, 30 Hz to 3 MHz; ±3 dB, 0 Hz to 5 MHz. With high-frequency probe to 250 MHz. OHMMETER. *anges:* 0-1000-10K-100K ohms; 0-1-10-100-1000 meg. *Battery:* 1½-V, ize "C." TUBE COMPLEMENT. *Meter Bridge:* 12AU7A. *Full-Wave ectifier:* 6AL5. *Power Supply:* transformer, silicon diode rectifier.

Knight-Kit Basic Test and Service Group

KG-625 VTVM Kit,
KG-635 Scope Kit

Save $10.00 **$149.90** **$8 monthly**

Separately, $159.90. Excellent test and service group for radio, TV and hi-fi, even color TV. Includes Knight-Kit's: KG-625 6" VTVM Kit; KG-635 5" DC to 5.2 MHz Oscilloscope Kit. Scope has ±0.5 dB color bandpass; auto astigmatism correction; dynamic sync limiter; 5 linear time base ranges. VTVM includes single, switchable AC-ohms/DC probe. Shpg. wt., 38 lbs. Express.

22 C 0400 L2Z. *$8 Monthly* . . 149.90

se Allied's Credit Plan to Buy Your Knight-Kit Equipment

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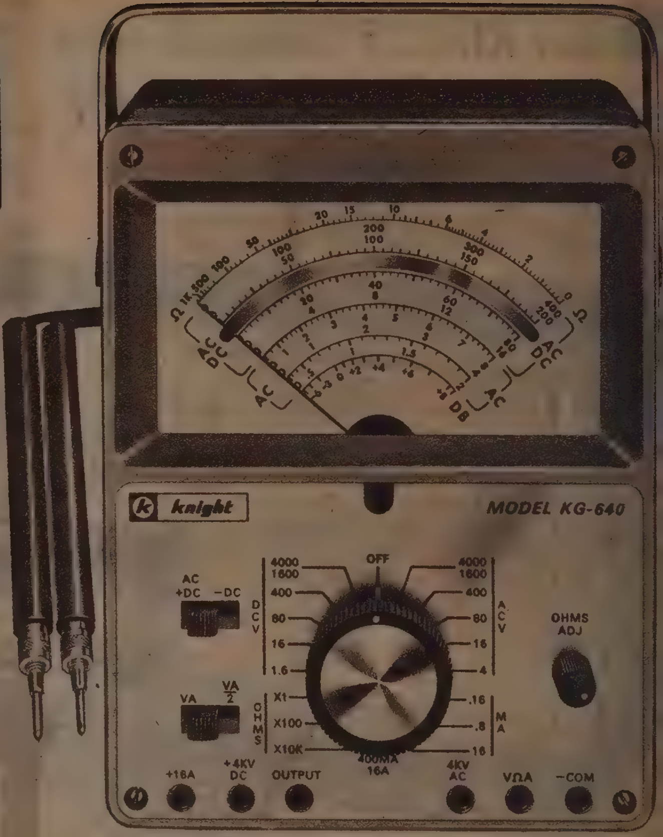
TEST INSTRUMENTS

Knight-Kit's Best VOM . . Model KG-640

$39.95 $5 monthly

Protected Taut-Band Meter Movement, 57 Measuring Ranges, Mirrored Scale, With Test Leads, Batteries



Deluxe Educational Outfit with KG-640 VOM Kit

Save $6.29 **$64.95** $5 monthly

Separately, $71.24. Our finest educational electronics kit outfit. Includes: Knight-Kit KG-640 VOM Kit; 5-Volume Howard W. Sams Basic Electricity/Electronics Programmed Text; Electricity/Electronics Lab Workbook; Complete Kit-Building Tool Outfit. Programmed text offers thorough grounding in principles of electronics—covers AC, DC circuits, tubes, transistors, much more. Workbook contains interesting projects keyed directly to the 5-volume set. 5-piece tool outfit includes 2 screwdrivers, soldering iron, 2 pliers—everything to make your kit-building fast and easy. Shpg. wt., 12 lbs.

22 C 0532 L2X. *$5 Monthly*....64.95

KG-640 20,000 Ohms/Volt VOM Kit

- **0.8 VDC Range for Accurate Transistor Servicing**
- **Response to Beyond 200 kHz for Precise AC Readings**
- **Sensitive Diode-Protected Taut-Band Meter Movement**

Deluxe VOM kit offers the exacting performance and dependability required by technicians, servicemen and serious experimenters. Invaluable aid for checking and servicing radios, TV, hi-fi components, all types of electrical devices. Accurately measures AC, DC and output volts, current, resistance and decibels.

Fifty-seven measuring ranges are covered by a single range/function switch and range doubler. Easy-to-read mirrored scale. Sensitive 50 μA taut-band meter movements diode-protected on all ranges. AC frequency response extends to beyond 200 kHz for precise AC measurements. 1% precision carbon film resistors are used as multipliers for utmost accuracy. Has DC polarity reversing switch; ohms adjust.

DC accuracy, ±3% of full scale reading; AC accuracy, ± 5%. 6¾x 5¼x3¾". Uses one "C" flashlight battery, 4 penlight batteries. With batteries, test leads, step-by step instructions. Order informative servicing books below. Japan. Shpg. wt., 5 lbs.

22 C 3954 X. *$5 Monthly*..39.95
23 C 7012 E. "101 Ways to Use Your VOM and VTVM." 3 oz......3.50
23 C 8906 E. "Troubleshooting with the VOM and VTVM." 8 oz......2.95
23 C 7067 E. "Best Ways to Use Your VOM-VTVM." 3 oz............50¢

SPECIFICATIONS

RANGES. *AC Volts:* 0-2-4-8-16-40-80-200-400-800-1600-2000-4000. *DC Volts:* 0-.8-1.6-8-16-40-80-200-400-800-1600-2000-4000. *Output Volts:* 0-2-4-8-16-40-80-200-400. Resistance: 0-1000-100K ohms, 0-10 megs. *DC Current:* 0-80-160-400-800 μA, 8-16-200-400 mA, 8-16 A. *Decibels:* −12 to +74 in 12 ranges. *DC Sensitivity:* 20,000 ohms/volt or 10,000 ohms/volt (function of scale multiplier switch). *AC Response:* 200 kHz to beyond 200 kHz. *Accuracy:* ±3% DC, ±5% AC, to 1600 V.

KG-645 1000 Ohms/Volt VOM Kit with Leads and Battery

- Meter Protection for Voltage, Current, and dB Ranges
- Precision 1% Multiplier Resistors

$19.95 $5 monthly

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TEST INSTRUMENTS

This accurate VOM is an outstanding value for hobbyists and technicians. Boasts 38 measuring ranges; 1000 ohms/volt AC and DC sensitivity; meter movement protection on all voltage, current and dB ranges. Provides accurate measurements of AC and DC volts, output voltage, AC/DC current, plus resistance and decibels. Precision 1% multiplier resistors assure highest accuracy. Has ohms/zero adjust; range switch; function switch. Easy-to-read 4½" two-color meter has 8 scales, precise knife-edge pointer. Assembles in a matter of hours. Rugged case, 6¾x5¼x2¾". With battery, test leads, carrying strap, step-by-step instruction manual with informative "How to Use" section. Japan. 3 lbs.

22 C 3983 X. *$5 Monthly*........................19.95

SPECIFICATIONS

RANGES. *AC, DC and Output Volts:* 0-1-5-10-50-100-500-5000. *Resistance:* 0-1000-10,000 Ohms, 0-1 meg. Center scales at 60, 150 and 1500 ohms. *AC and DC Current:* 0-1-10-100 mA, 0-1 A. *Decibels:* −20 to +69 in 6 ranges. *Meter Movement Sensitivity:* 400 μA for full scale deflection. *Accuracy:* ±2% of full scale reading on all ranges.

Educational Outfit with KG-645 VOM Kit

Save $4.09 **$25.50** $5 monthly

Separately, $29.59. Excellent hobbyist kit outfit. Includes: Knight-Kit KG-645 VOM Kit; Howard W. Sams Book "Electronics for the Beginner"; Complete Kit-Building Tool Outfit. Book has interesting experiments and projects.

22 C 0539 L2X. 5 lbs.......25.50

Popular KG-620 4½" VTVM Kit With 3 Test Leads and Battery

$29.95 $5 monthly

- Direct Electronic Readings of AC (p-p and rms) Volts
- 11-Megohm Input Resistance for Low Circuit Loading
- Highly Accurate Push-Pull Balanced Bridge Circuit

Outstanding value for service shop, test bench or hobby corner. Provides *electronic* measurements of p-p and rms AC voltage; plus DC voltage, resistance and decibels. Has 11-megohm input resistance; sensitive 200-μA meter movement; easy-to-read two color 4½" scale; zero center scale; zero-adjust control; DC polarity reversing switch; pilot light; power transformer for line isolation. 1% precision multiplier resistors. Direct-reading decibel scale; 1.5-volt full-scale DC range. Steel case, 7⅝x5⅜x4¼". With all parts, 3 test leads, 1½-V battery, detailed instructions. Accessory probes below. 110-130 VAC. Japan. Shpg. wt., 7 lbs.

22 C 3911 W. *$5 Monthly*..............................29.95

22 C 3130 X. Assembled High-Voltage Probe. To 25,000 V. Wt., 1 lb. 6.95

22 C 3131 X. Assembled High-Frequency Probe. To 250 MHz. Wt., 1 lb. 5.95

SPECIFICATIONS

RANGES. *DC Volts:* 0-1.5-5-15-50-150-500-1500; with optional HV probe to 25 kV. *Accuracy:* ±3%. *AC Volts (rms):* 0-1.5-5-15-50-150-500-1500. *(p-p):* 0-4.2-14-42-140-420-1400-4200. *Resistance:* 0-1000-10,000-100,000 ohms, 0-1-10-100-1000 meg. *Decibels:* −10 to +65 in 7 ranges. *AC Response:* ±1 dB, 30 Hz to 3 MHz; ±3 dB, 30 Hz to 5 MHz; to 250 MHz with optional High-Frequency probe. *Accuracy,* ±5%.

knight-kit
KITS
TEST INSTRUMENTS

KG-650 RF Signal Generator Kit . . Ideal for Service Bench, Hobby Corner, Shop

With Test Leads **$29.95** **$5 monthly**

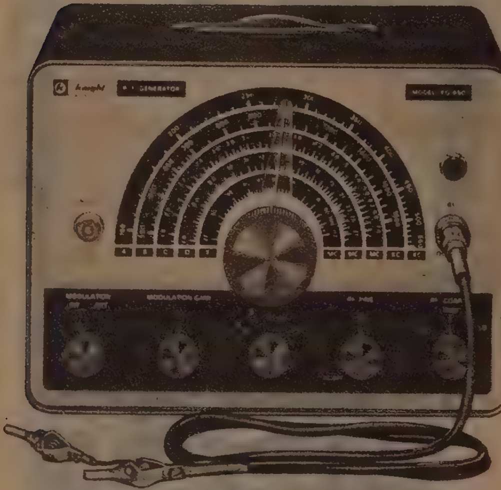
Exceptionally stable RF signal generator kit, ideal for alignment of AM and FM radios as well as TV receivers. Has a wide fundamental output range (160 kHz to 112 MHz) divided into five separate bands for quick, precise selection of desired frequency. Calibrated second harmonics are usable to 224 MHz for greatly extended alignment range. Large, easy-to-read dial with clearly marked calibrations and smooth, precise vernier drive for outstanding tuning accuracy and frequency resettability.

Has both step and continuous-type attenuators for exact adjustment of output voltage. Output is available modulated, unmodulated, or as 400-Hz sine wave. 400-Hz output is adjustable to more than 10-volt level for making audio checks of amplifiers, small speakers, other audio devices. Also has provision for modulation from external sources. RF output is in excess of 400,000 microvolts.

Colpitts oscillator circuit and cathode-follower outputs provide maximum isolation and circuit stability. Precision wound coils require no calibration. Transformer-operated power supply isolates AC line for operating safety. Black metal case, 7¼x10⅛x5¼", charcoal Gray and silver front panel. With all parts, test leads, solder; step-by-step assembly instructions and fully detailed operator's manual. For 110-130 V, 60 Hz AC.
22 C 3953 X. Shpg. wt., 8½ lbs. *$5 Monthly*. 29.95

SPECIFICATIONS

Frequency Ranges—Calibrated Fundamentals: Band A, 160-550 kHz; Band B, 550-1850 kHz; Band C, 1850 kHz to 7 MHz; Band D, 7-27 MHz; and Band E, 27-112 MHz. *Calibrated Second Harmonics:* usable to 224 MHz. *Radio Frequency Output:* in excess of 400,000 microvolts. *Modulation Frequency:* 400 Hz. *Audio Output:* adjustable to more than 10 volts at 400 Hz. *Attenuator:* 3-position switched; plus continuously variable attenuator control. *Tube Complement:* 6C4, 12AT7; plus selenium rectifier.



- Fundamental Coverage from 160 kHz to 112 MHz
- Usable Calibrated Second Harmonics to 224 MHz
- Colpitts Oscillator Circuit for Stable Operation
- Modulated and Unmodulated RF, plus 400-Hz Outputs
- Precision-Wound Coils Require No Calibration

knight
Power Inverter Charger
DC
AC

Converts 12 VDC into 110-130 VAC

$44.95

$5 monthly

SOLID STATE

KG-666 Power Inverter/Charger Kit

- Operate AC Appliances from 12 VDC Power Sources
- Delivers 6-Amp Tapering Charge to 12-V Batteries

Operate AC appliances from your 12 VDC car, boat, trailer or camper. Converts 12 VDC to 110-130 VAC; has special DC output for universal motor loads; delivers self-regulating Hi-Lo 6-amp tapering charge to 12-V batteries. Has silicon diode starting network; capacitive and diode despiking network; 2-position output load optimizing switch; pilot light, fuse. Square wave output, 55-65 Hz. Rated 200 watts continuous. 4 germanium power transistors. Aluminum case, 4¾x8x8¼". All parts, instructions.
22 C 3906 X. Shpg. wt., 9 lbs. *$5 Monthly*. 44.95

13-Range Pocket VOM Kit

Leads, Battery **$8.88**

- Reads Voltage, Current and Resistance
- Only Slightly Larger Than a Pack of Cigarettes

Pocket VOM kit, great for servicemen, hobbyists or experimenters. Two-color scale, 2½" meter. 13 total ranges: 0-5-15-50-150-500 VDC; 0-1-10-100 mA; 0-15-50-150-500 VAC; 0-30K ohms (1200 ohms center scale). ±5% tolerance multipliers and shunts are used for high accuracy. 1000 ohms-per-volt DC sensitivity. Black bakelite case with pre-installed jacks to simplify assembly. 1-mA full scale meter movement. Easy to assemble. 4x2⅞x2⅛". With all parts, solder, detailed assembly instructions, test leads, 1½-V Type 7 battery.
22 C 3708 X. Japan. Shpg. wt., 1 lb. 8.88

knight-kit KG-646 VOM Kit . . Big Value in a 20K Ohms-per-Volt Tester

Banana-Plug Test Leads and 1.5-Volt Battery **$11.95** **±2% Accuracy**

ew low-cost VOM kit is an invaluable aid for radio and TV service- en, technicians, hobbyists and experimenters. It's the ideal instru- ent for signal tracing, alignment, voltage, current and resistance easurements in radios, TV receivers, CB and Amateur equipment, i-fi's, all types of electronic devices. Convenient pocket size makes it specially useful for in-the-field measurements and house repair calls. arge, easy-to-read two color scale with red knife-edge pointer for ccurate readings. 20,000 ohms per volt DC sensitivity (10,000 ohms er volt AC) for greatly reduced circuit loading.

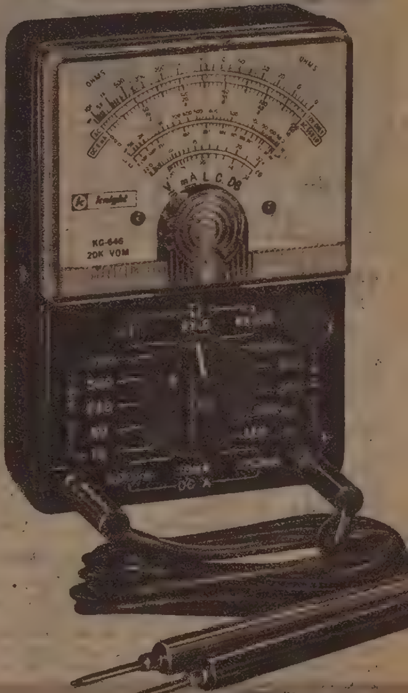
recision circuit design assures excellent operating stability. Sensitive 0-μA meter movement has diode and ceramic capacitor protection ircuit to prevent burnouts, bent pointers, damaged pivots, etc. Single, ecessed range/function switch for increased convenience of operation. ront-panel ohms zero adjust assures accuracy and repeatability of eadings. Has scales for AC and DC volts, DC current, resistance and ecibels, plus L(self-inductance) and C(static-capacity).

op-quality shunts and multipliers are used for high accuracy of ±2% C full scale, and ±2% AC full scale. Rugged metal case takes plenty of ugh use. Meter has sturdy transparent plastic cover for good pro- ection from dust and dirt. Top-quality components are used through- ut. Operates on single 1.5-volt penlight battery. Detailed step-by-step ssembly instructions feature oversize wiring diagrams and easy-to- llow illustrations for simplified assembly. 5x3½x1¾". With all parts, est leads, battery, instructions. Japan.

2 C 3907 X. Shpg. wt., 1 lb. 11.95

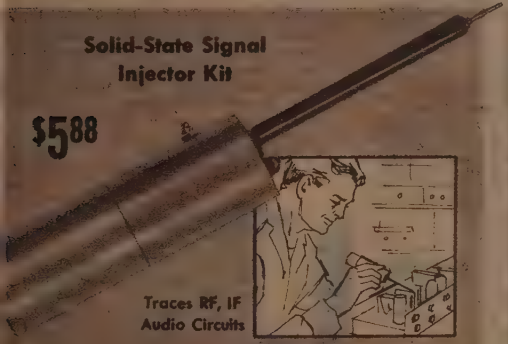
SPECIFICATIONS

ANGES. *DC Volts:* 0-2.5-10-50-250-1000. *AC Volts:* 0-10-50-250-500- 000. *DC Milliamperes:* 0-.05-25-250. *Resistance:* 0-10K-100K ohms, -1 meg. (Center scale reading of 95 ohms). *Decibels:* two scales, −20 +20 dB; +20 to +36 dB. *L(Self-Inductance):* 0-5kH. *C(Static apacity):* 0.02 μF to 250 pF. *Accuracy:* ±2% DC full scale; ±2% AC full ale. *Meter Sensitivity:* 40 μA for full scale deflection (±1%). *DC Sen- tivity:* 20,000 ohms per volt. *AC Sensitivity:* 10,000 ohms per volt. *nternal Resistance:* 2,200 ohms (±5%). *Meter Protection Circuit:* iode, capacitor. *Battery:* 1.5 volt penlight cell. *Size:* 5x3½x1¾".



Solid-State Signal Injector Kit

$5.88



Traces RF, IF Audio Circuits

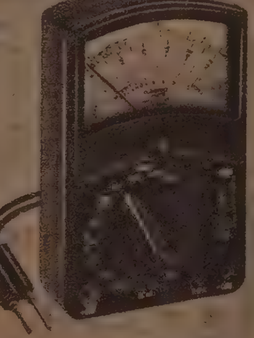
Portable and self-contained signal injector kit for any- one who works on radios, audio amplifiers, TV receivers, other electronic devices. Produces a signal rich in harmonics for tracing audio, RF and IF circuits when troubleshooting. Pushbutton operation, insulated test probe. Battery condition light. Comfortably shaped, cylinder-type handle houses circuit—permits long use without tiring. Complete with 4 penlight batteries, all parts, housing, and detailed assembly instructions. From Japan.

2 C 9510. Shpg. wt., 8 oz. 5.88

Sensitive 20,000 Ohms/Volt VOM Kit

$14.95

Reads Volts, Amps, Ohms, dB . . Diode-Protected Meter Movement . . Easy-to-Read Two-Color Scale



Educational and practical VOM kit. For servicing radios, TV receivers, hi-fi sets, all types of electronic equipment. Has 20,000 ohms/volt DC sensitivity; 10,000 ohms/volt AC. Ranges: DC volts, 0-2.5-10-50-250-500-5000. AC volts, 0-10-50-250-500-1000. DC current, 0-50 μA; 0-5-50-500 mA. Ohms: 0-12K-120K, 1.2-12 meg. dB: −20 to +62. 50-μA meter movement, diode protected. Single function switch for easy operation. Rugged case, 5½x2x3½". With test leads, batteries, instructions and theory.

22 C 9509. Shpg. wt., 2 lbs. Japan. 14.95

EICO
KITS
TEST EQUIPMENT

Complete Line of Popular

(A) $119 95 Kit

(B) $179 95 Kit

NEW

(C) $99 95 Kit

(A) 3" Wideband Scope

435-K. Portable. Push-pull 3-stage amplifier; zener diode calibration; 4-position attenuator. Reads DC or p-p AC from 50 mV to 500 V. Response, DC to 4.5 MHz, usable to 10 MHz. Vert. sensitivity, 18 mV rms/cm. Sweep: 10 Hz to 100 kHz; 30 Hz vert. and 7875 Hz horiz. 8½x5¾x12⅝". 105-125 V, 50-60 Hz AC.
21 C 4282 U. Wt., 18 lbs......119.95
21 C 4335 U. 435. Assembled...169.95

(B) 5" Wideband Scope

465-K. Has vertical and horizontal sensitivity of .05 V p-p/cm; AC-DC coupled amplifiers; Zener diode calibration; flat-face 5" CRT. Response, DC to 8 MHz, usable to 10 MHz. Push-pull amplifier. Sweep: 10 Hz to 100 kHz, 30 Hz vert., 7875 Hz horiz. Edge-lit dial, retrace blanking. 12¾x8½x17½". 117 VAC.
21 C 4535 U. Wt., 27 lbs.......179.95
21 C 4536 U. 465. Assembled...249.95

(C) DC to 4.5 MHz 5" Wideband Scope

460-K. Has flat response of DC to 4.5 MHz, usable to 10 MHz. Easily reproduces 3.58 MHz color TV sync burst. Vertical sensitivity, 10 mV/cm. Input impedance, 3 megs shunted by 35 pF. 4-position attenuator. Full-screen vertical positioning, 2X horizontal positioning. Sweep range; 10 Hz to 100 kHz plus low-frequency range. Edge-lit scale for easy reading. Metal case, 13x8½x16". For 105-125 V, 50-60 Hz AC. Shpg. wt., 25 lbs.
21 C 4158 U. *$5 Monthly*..99.95
21 C 4157 U. 460. Assembled, Ready-to-Use. *$8 Monthly*...............149.95

Shielded Probes for Oscilloscopes

For use with 435-K, 465-K, and 460-K. Av. shpg. wt., 5 oz.

Description	Kit Form			Factory Assembled		
	Stock No.	Type	EACH	Stock No.	Type	EACH
Demodulator Probe	21 C 4151	PSD-K	4.50	21 C 4152	PSD	6.95
Direct Probe	21 C 4153	PD-K	3.50	21 C 4154	PD	4.95
Low-Capacity Probe	21 C 4155	PLC-K	4.50	21 C 4156	PLC	6.95

Post-Injection Marker
$99 95 Kit
$5 monthly

Sweep Marker Generator

369-K. For TV and FM use. Features post-injection marker—signals are unaffected by receiver circuit. 5 sweep ranges, 3.5 to 220 MHz. 3 marker ranges, 2 to 75 MHz on fundamentals; 60-225 MHz on harmonics. With 4.5 MHz crystal for marker check. 360° scale, 6:1 vernier drive. Blanking, 3-stage AGC. 50 ohms. 8½x12½x7". 110-120 V, 50-60 Hz AC. 18 lbs.
21 C 4307 U. *$5 Monthly*.........99.95
21 C 4308 U. 369. Assembled....149.95

$79 95 Kit $5 monthly

Color Bar/Pattern Generator

385-K. Portable, solid-state generator produces 5 well-defined, crystal-controlled patterns: dots, crosshatch, horizontal and vertical lines, 10 color bars. Feeds directly to antenna terminals. Color coded gun killers can eliminate one or more colors from display. Battery powered, requires 6 "C" cells (not supplied). Low current drain. Metal case, 2½x8½x8⅜". Wt., 7 lbs.
21 C 4537. *$5 Monthly*...........79.95
21 C 4538 U. 385. Assembled....109.95

$59 95 Kit
$5 monthly

Deluxe Audio Generator

378-K. Low-distortion sine wave, 1 Hz to 110 kHz. Detent switches select 1 Hz, 10 Hz, 100 Hz, 1 kHz, and 10 kHz steps. 8-step attenuator. Adjustable 0-10 V rms output. 4½" meter. Accuracy ±5%. 8½x12½x9". 117 VAC. Shpg. wt., 16 lbs.
21 C 4336 X. *$5 Monthly*........59.95
21 C 4337 X. 378. Assembled.....79.95

$32 95 Kit
$5 monthly

RF Signal Generator

324-K. Has 150 kHz to 145 MHz fundamental output (to 435 MHz on harmonics). 6 ranges. Etched dial, ±1.5% accuracy. Internal 400-Hz modulation variable 0-50%, also external sources. RF attenuators, 6:1 vernier. 8x10x4¾". 117 VAC. Shpg. wt., 10 lbs.
21 C 4141. *$5 Monthly*..........32.95
21 C 4140. 324. Assembled.......44.95

$39 95 Kit
$5 monthly

Sine/Square Wave Generator

377-K. Sine wave, 4 bands, 20 Hz to 200 kHz. Wien Bridge oscillator circuit. Square wave, 4 bands, 60 Hz to 50 kHz. Output, ±10 V, 10K ohms. Hum, under 0.4% of rated output. Accuracy, ±3% or 1 Hz. 7⅛x11⅛x7⅝". 117 VAC. Shpg. wt., 14 lbs.
21 C 4135 X. *$5 Monthly*.........39.95
21 C 4134 X. 377. Assembled......54.95

Test Equipment at Low Prices

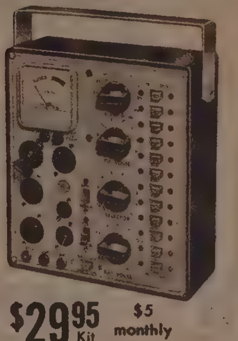
Checks Latest Color TV CRT's

NEW

$69.95 Kit $5 monthly

CRT Tester/Rejuvenator

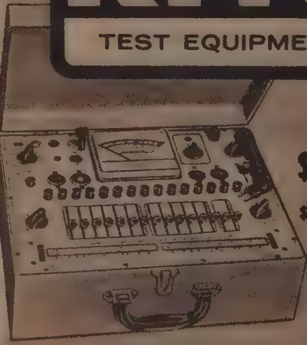
633-K. Tests and rejuvenates most picture tubes, including latest color TV types. Special 1000-VDC output for rejuvenate-welding and short-clearing procedures. 0-150 volt negative DC output for variable G_1 grid cutoff; variable filament over 12 ranges from 0-5, 5-10, and 10-15 volts. Tests for shorts, open elements, beam current, gas and tube life. Pushbutton operation; easy-to-read 4½" meter. Transformer-operated power supply. 14¾x13½x5¾". 117 VAC.
21 C 4539. Wt., 12 lbs........69.95
21 C 4540 U. 633. Assembled..99.95


$29.95 Kit $5 monthly

Tube and Battery Tester

636-K. Tests over 800 radio and TV tubes for cathode emission, shorts, opens, intermittents. Has Go/No-Go continuity test. Sockets for octals, loctals, 7- and 9-pin miniatures, novars, nuvistors, compactrons. Tests, under load, commonly used batteries from 1.5 to 90 volts (11 ranges). 3-color meter; neon lamp short indicator. Transformer operated power supply. Bakelite case, 8⅝x7½x3⅛", metal handle. With complete tube data manual. 117 V, 60 Hz AC.
21 C 4544. Wt., 4 lbs..........29.95
21 C 4238. 636. Assem..........44.95

EICO KITS TEST EQUIPMENT


$89.95 Kit $5 monthly

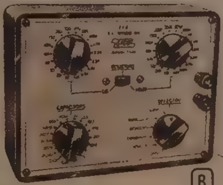
Tube and Transistor Tester

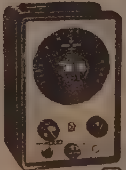
667-K. Joins mutual conductance (Gm) and plate conductance (Gp) tests into a single dynamic test, plus peak emission test to give a single reading of tube quality. Spots bad transistors by gain and leakage tests. Checks nuvistors, novars, compactrons, miniatures, subminiatures, octals, loctals. Tests special purpose tubes, VR's, cold cathode regulators, and electron-ray indicators. Has multi-circuit lever switch, 12 tube-element pushbutton switches. Easy-to-read 4½" D'Arsonval meter has 200 μV sensitivity. Roll-chart for fast, easy test setups. 4½x15x12", latching cover. For 115 VAC.
21 C 4143 X. Shpg. wt., 23 lbs.......89.95
21 C 4142 U. 667. Assembled.........139.95

21 C 4144. CRU CRT Adapter. For use with Eico 667, 628 tube testers. 1 lb.......9.95

Component Testing Kits

A


B


C

D

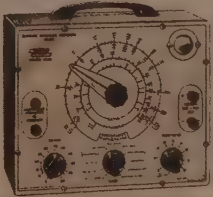
A 680-K Transistor/Circuit Checker Kit. Measures I_{CBO}, I_{CEO}, DC Beta, simulated AC Beta. 0-5-50 VDC; 0-2000-200K ohms, 0-20 megs; 0-50-500 μA; 0-5-50-500 mA DC. 3x5¼x6¾". Leads, batteries.
21 C 4149. Wt., 3 lbs..........34.95
21 C 4148. 680-W. Assembled.49.95

B 1140-K R-C Box Kit. 1350 in-circuit substitutions. Res., 15 ohms to 10 meg. Cap., 0.0001 to 0.2 μF. ±10%. $5\frac{5}{16}$x6⅞x$2\frac{5}{16}$".
21 C 4111. Wt., 3 lbs..........15.95
21 C 4110. 1140-W. Assembled 24.95

C 955-K Capacitor Tester Kit. Wien bridge permits in-circuit test (0.1-50 μF) with shunt as low as 35 ohms. ±10%. Short test, to 2000 μF; open test down to 15 pF. 8½x5¾x6". With leads. 117 VAC.
21 C 4103 X. Wt., 6 lbs.......24.95
21 C 4102 X. 955-W. Assem....39.95

D 1180-K Capacitor Decade Box Kit. 100 pF to .111μF; 100, 1000, 10,000 pF steps. 350 V. ±1% mica capacitors. 9x3½x3½". Less leads.
21 C 4105. Wt., 3 lbs..........19.95
21 C 4104. 1180-W. Assembled 29.95

R-C Bridge/R-C-L Comparator



950-K. Reads 0.5 ohm to 500 megohms and 10 pF to 5000 μF (4 ranges). Has .05-20 comparator range. Variable 0-500 volt DC source tests capacitors for shorts, leakage. Measure power factor of electrolytics. Less leads. 8x10x4¾". For 105-125 V, 60 Hz AC.
21 C 4101. Wt., 10 lbs. *$5 Monthly*.....29.95
21 C 4100 X. 950-W. Assembled..........39.95

NEW

$44.95 Kit

$5 monthly

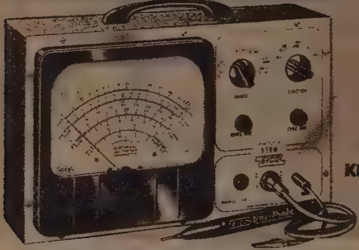
Deluxe Tube Tester

635-K. Versatile tube tester checks all standard tubes for dynamic cathode emission, shorts, grid leakage and gas. Tests Novars, nuvistors, compactrons, 10-pin types, battery types, auto radio hybrids, foreign and industrial tube types. Even handles new decals, magnovals, 7-pin nuvistors and all popular picture tubes. Has burnout-protected 3½" D'Arsonval meter; phosphor bronze sockets, pin straighteners for all types. Scuff-proof luggage type case, 8⅛x11⅜x3¼". Tube chart. 110-130 V, 50-60 Hz AC.
21 C 4541. Wt., 5 lbs. *$5 Monthly*.......44.95
21 C 4542. 635-W. Assembled...........69.95

Use Allied's Credit Fund Plan to Buy All Your Test Equipment

EICO KITS TEST EQUIPMENT

Fun-to-Build . . Easy-to-Use



Kit $39.95

$5 monthly

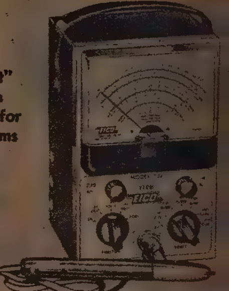
Professional VTVM with Big 6-inch Meter

Kit

$49.95

$5 monthly

"No-Burnout" VTVM with "Uni-Probe" for AC, DC, Ohms



Kit $34.95

$5 monthly

249-K Peak-to-Peak VTVM

Peak-to-peak VTVM features 7½" meter in "no-burnout" circuit. Balanced bridge with 1% multiplier resistors, zero center scales, exclusive "Uni-Probe." Ranges: peak-to-peak volts, 0-4-14-42-140-420-1400-4200; DC/rms volts, 0-1.5-5-15-50-150-500-1500; Resistance, 0.2 ohm to 1000 megs in 7 ranges. Response, 30 Hz to 3 MHz. 8½x13x5". Instructions. Less solder. 105-125 V, 50-60 Hz AC. Shpg. wt., 9 lbs. *$5 Monthly.*

21 C 4233. 249-K Kit **39.95**

21 C 4234. 249-W. Assembled **59.95**

235-K Professional VTVM

VTVM measures to 0.01 volt on ½-volt DC transistor range. 2-color 6" meter; 200 μA. Impedance over 11 megs. Response, 30 Hz to 3 MHz. Balanced-bridge; 1% multipliers. Accuracy ±3%. Ranges: DC volts, 0-0.5-1.5-5-15-50-150-500-1500; p-p AC V, 0-4-14-42-140-1400-4200; rms AC V, 0-1.5-5-15-50-150-500-1500; 7 resis. 0.2 ohm to 1000 megs. 8½x7½x5". Less sldr. Uni-Probe. 117 VAC.

21 C 4338. 235-K Kit. 9 lbs. **49.95**

Model 235-W. Factory Assembled.

21 C 4356. *$5 Monthly* **69.95**

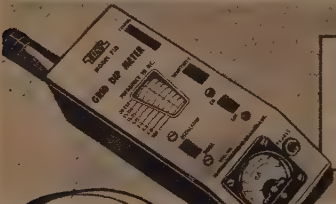
232-K Peak-to-Peak VTVM

Versatile VTVM has 4½" meter protected by "no-burnout" circuit. "Uni-Probe" lets you measure AC, DC, and ohms with one probe. Balanced-bridge; 1% multipliers. Ranges; peak-to-peak volts, 0-4-14-42-140-420-1400-4200; DC/rms volts, 0-1.5-5-15-50-150-500-1500; resistance, 0.2 ohm to 1000 megohms in 7 ranges. Response, 30 Hz to 3 MHz. Less solder. 8½x5x5". For 117 V, 60 Hz AC. *$5 Monthly.*

21 C 4235. 232-K Kit. 5 lbs. **34.95**

Model 232-W. Factory Assembled.

21 C 4236. *$5 Monthly* **49.95**



Kit

$34.95

$5 monthly

710-K Grid-Dip Meter for Ham Radio or Service

Operates as oscillating detector or wavemeter. 400 kHz to 250 MHz in 8 ranges. Finds frequencies of oscillators, pretunes and neutralizes transmitter, etc. Sensitivity control; 500-μA meter; 1:7 drive ratio; phone jack; plug-in coils. Less solder. 2¼x2$\frac{9}{16}$x6⅞". For 117 VAC. Shpg. wt., 3 lbs.

21 C 4223. Model 710-K Kit. *$5 Monthly* **34.95**

21 C 4224. Model 710-W. Factory Assembled **59.95**

Kit

$25.95

$5 monthly

20,000 Ohms/Volt

565-K 31-Range VOM

20,000 ohms/volt DC sensitivity; 4½" meter with 50-μA movement. Ranges: AC-DC, output V, 0-2.5-10-50-250-1000-5000 (AC at 1000 ohms/V); DC, 0-100 μA, 0-10-100-500 mA, 0-10 amps; 2000-200,000 ohms, 0-20 megs; −12 to +55 dB. With batt. Less leads, solder. 6¾x5¼x3". 4 lbs. *$5 Monthly.*

21 C 4268. 565-K Kit **25.95**

21 C 4269. 565-W. Assembled....34.95

555-K. Above kit, but 1% resistors.

21 C 4270. *$5 Monthly* **29.95**

21 C 4271. 555-W. Assembled....39.95

Kit

$19.95

$5 monthly

1000 Ohms/Volt

566-K 38-Range VOM

Full 4½" meter. Rectifier in dual half-wave circuit; divider resistors. AC/DC ranges: 0-1-5-10-50-100-500-5000 V at 1000 ohms/volt; 0-1-10 mA, 0-0.1 amp; 0-5000-100,000 ohms, 0-1 meg; −20 to +69 dB. With battery. Less leads, solder. 6¾x5¼x3". 3 lbs. *$5 Monthly.*

21 C 4260. 566-K Kit **19.95**

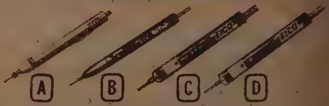
21 C 4261. 566-W. Assembled..29.95

556-K Kit. Above, but 1% resistors.

21 C 4262. *$5 Monthly* **21.95**

21 C 4263. 556-W. Assembled..29.95

Accessory Probes



A PSI-K Signal Injector Probe Kit. Pocket-size cordless probe generates and injects signals covering audio, IF and RF.

21 C 4549. Wt., 6 oz. 5.95

21 C 4545. PSI-W. Assem. 6 oz..9.95

B Uniprobe. Select DC, AC ohms.

21 C 4242. UP-K Kit. ½ lb..5.95

21 C 4243. UP-W. Assembled....7.95

PTP-11-K. (Not illus.) Peak-to-peak kit for 11-meg VTVMs.

21 C 4245. Wt., 1 lb. 5.50

C PRF-25-K. RF kit measures to 250 MHz. For 25-meg VTVMs.

21 C 4249. Wt., 1 lb. 4.50

21 C 4248. PRF25W. Assembled. 5.95

D PRF-11-K. Above; for 11-meg.

21 C 4251. Wt., 1 lb. 4.50

21 C 4250. PRF11W. Assembled. 5.95

Famous RCA Test Equipment

RCA KITS

TEST EQUIPMENT

A WV-38A(K) VOM Kit

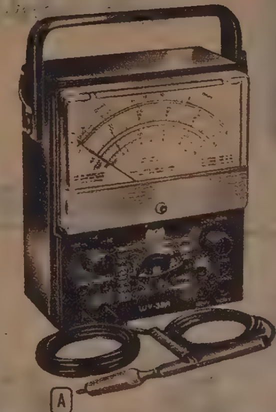
Has large easy-to-read 5¼" meter; low VDC ranges for accurate transistor work; response to 50 kHz. Ranges: AC and DC volts, 0-2.5-10-50-250-1000-5000, plus 0.25-1 VDC. 3 ohms ranges to 20 megs. DC current, 0-50 μA, 0-1-10-100-500 mA, 0-10 amps. Decibels, −20 to +50. Input sensitivity: DC, 20,000 ohms/volt; AC, 5000 ohms/volt. DC accuracy, ±3% on all ranges. Rugged bakelite case, 6⅞x5¼x3⅛". Carrying handle. With test leads. Shpg. wt., 5 lbs.

21 C 4218. *$5 Monthly*......38.00
21 C 4219. **Factory Assembled**......52.00

B WV-98C(K) VoltOhmyst Kit

Features 1% precision resistors in all critical circuits; big 6½" meter, mirrored scale; ±3% accuracy. Ranges: AC, DC volts, 0-1.5-5-15-50-150-500-1500, plus 0-0.5 VDC range. 7 resistance ranges to 1000 megohms. DC input resistance, 11 megohms. Response, 30 Hz to 3 MHz on 1.5 and 5 volt ranges. Metal case, 6½x7x3¾", carrying handle. With combination DC/AC-Ohms test probe, detailed assembly instructions. 110-130 V, 50-60 Hz AC. Shpg. wt., 8 lbs.

21 C 4210. *$5 Monthly*......57.95
21 C 4211. **Factory Assembled**......88.50



A

WV-38A(K)

$38.00

$5 monthly

B

WV-98C(K)

$57.95

$5 monthly

WO-33A(K) 3-inch Scope Kit

$108.00

$6 monthly

For Color and B & W Television Servicing

Ideal for observing colorburst signals, other TV work. Dual-band vertical amplifier response: narrowband, 3 mV rms/inch, 20 Hz to 150 kHz, −3 dB; wideband, 100 mV rms/inch, 5.5 Hz to 5.5 MHz, −3 dB. Sweep oscillator, 15 Hz to 75 kHz. Synchronization: internal plus or minus, external. Line sweep, 160° adjustable phase. Metal case, 8¾x6½x10¼". Has 3" flat-face CRT. With combination test probe. 110-120 V, 60 Hz AC. Wt., 16 lbs.

21 C 4190 U. *$6 Monthly*......108.00
21 C 4276 U. **Factory Assembled**.139.00

WR-50B(K) RF Signal Generator Kit

$45.00

$5 monthly

Accurate CW, AM and Sweep Signals

Excellent RF signal generator kit, ideal for educational uses, and for accurate maintenance and troubleshooting of AM-FM radios and TV's. Produces CW and AM signals from 85 kHz to 40 MHz plus 455 kHz and 10.7 MHz sweeps; 400-Hz AF oscillator for audio testing of speakers, amplifiers, etc. Permanent test cables. Case, 7¾x5⅝x4¾", carrying handle. For 105-130 V, 60 Hz AC. Shpg. wt., 7 lbs.

21 C 4272. *$5 Monthly*......45.00
21 C 4192. **Factory Assem.**......65.00

WV-77E(K) Volt-Ohmyst Kit

$38.00

$5 monthly

Reads AC Volts (p-p and rms), DC Volts, and Resistance

An economical VTVM kit for accurate troubleshooting. Has easy-to-read 4½" meter; detailed instructions for fast assembly. Ranges: AC (rms) and DC volts; 0-1.5-5-15-50-150-500-1500. AC (p-p) volts; 0-4-14-40-140-400-1400-4000. Resistance: 0.2 ohm to 1000 megs in 7 ranges. Has 11-meg DC input resistance to minimize circuit loading. Metal case, 7¾x5⅝x4¾", carrying handle. For 105-125 V, 50-60 Hz AC. Shpg. wt., 10 lbs.

21 C 4207. *$5 Monthly*......38.00
21 C 4208. **Factory Assembled**....52.00

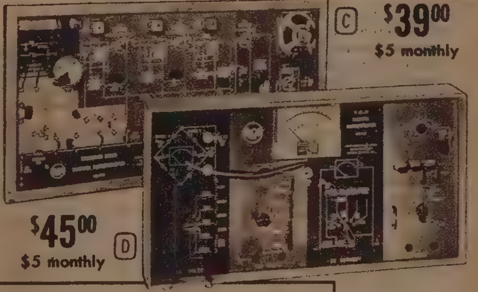
RCA Dynamic Classroom Demonstrator Kits

C **WE-93A(K) Transistor Radio Demonstrator Kit.** Ideal aid for electronics study. Big 24x12" board has schematic of AM superhet transistor radio; each component is placed in position showing clearly how it works. Instructions, RCA Transistor Manual. Requires 4 "D" batteries. *$5 Monthly.*

21 C 4216 L2X. **Student Model. 24x12". 12 lbs.**......39.00
21 C 4453 L2X. **Instructor's Model. 48x24". 22 lbs.**......69.50

D **WE-95A(K) VOM Demonstrator Kit.** Consists of 24x12" layout panel and RCA production-type VOM kit. Components of VOM kit are positioned on panel in their proper place to show circuits. With 24-page manual, "Learning Basic Electronic Measuring Circuits." Requires 4 "D" batteries (Eveready 950 or equivalent). Shpg. wt., 10 lbs.

21 C 4217 L2X. *$5 Monthly*......45.00



C **$39.00** **$5 monthly**

$45.00 **$5 monthly** D

See Pages 286 and 287 for Complete Listing of Assembled RCA Test Equipment

knight-kit
KITS
AMATEUR GEAR

6- and 2-Meter Ham Transceiver Kits with Solid-State Power Supplies

YOUR CHOICE $119.95 Each $6 monthly

knight
TR-106
LOAD
PLATE

> ". . . the signal sounded fine, was over S9, and had no drift . . . a few nights to build." 73 Magazine (TR-106)

> ". . . puts out an excellent signal . . . verified by your reviewer . . . reports have been flattering." Popular Electronics (TR-108)

- Built-in Solid-State 110-130 VAC/12 VDC Power Supply
- Factory-Assembled and Aligned RF and Mixer Stages
- Dual-Conversion Superhet Receiver has 0.5 μV Sensitivity

TR-106 6-Meter Transceiver Kit. Performance-proven Knight-Kit 6-meter transceiver is ideal for shack or mobile. Nuvistor RF and crystal-controlled mixer stages are factory-assembled and aligned for construction ease. Dual-conversion receiver section boasts 0.5 μV sensitivity. AVC action holds signal-level constant, prevents blasting; ANL cuts ignition and pulse-type interference.

Efficient three-stage transmitter has doubler, tripler and straight-through final amplifier. 15 watts input. Plate and screen modulation for low distortion and excellent linearity. Deluxe features include: separate AF and RF gain controls; frequency spot switch; automatically switched, illuminated "S"/RF meter; vernier-drive tuning; illuminated dial; transmit indicator light. Front-panel jack for low-impedance headphones or external speaker. Built-in front-mounted speaker. Three front-panel crystal jacks. Rear panel VFO input, VFO power output. Pi-network output matches 30-90 ohm antennas. Standard SO-239 coaxial antenna connector. Built-in solid-state power supply for 110-130 V, 60 Hz AC and 12 VDC negative ground. With noise-canceling push-to-talk mike, metal case, detailed instructions. 5½x13⅛x11". Order crystals or VFO below.
22 C 3460 X. Shpg. wt., 22 lbs. *$6 Monthly*. **119.95**

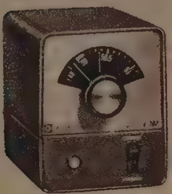
TR-108 2-Meter Transceiver Kit. As above, but covers 144-148 MHz. Has tube-type RF stage. Sensitivity, 1.0 μV.
22 C 3462 X. Shpg. wt., 22 lbs. *$6 Monthly*. **119.95**

TR-106 AND TR-108 SPECIFICATIONS

Receiver. *Coverage:* 6 meters, 50-52 MHz; 2 meters, 144-148 MHz. *Input Impedance:* 50 ohms. *Sensitivity:* 0.5 μV for 6 meters; 1.0 μV for 2 meters. *Selectivity:* 8-kHz bandwidth at 6 dB down. *Audio Output:* More than 5 watts @ 10% distortion. **TRANSMITTER.** *RF Power Input:* 15 watts nominal. *Output Impedance:* 30-90 ohms; pi-net coupling. *Modulation:* AM (hi-level plate and screen). *Frequency Control:* Fundamental (8 MHz) crystals or VFO.

ACCESSORIES FOR TR-106 AND TR-108 TRANSCEIVER KITS

22 C 3140 X. Base for Desk-Top Use. Wt., 5 lbs.	5.95
17 C 9404 CS. 6-m Crystal. *Specify 8340-8450 kHz. (±5 kHz)*. 3 oz.	2.95
17 C 9402 CS. 2-m Crystal. *Specify 8000-8222 kHz. (±5 kHz)*. 3 oz.	2.95
22 C 3129 X. Mobile Mount. Wt., 2½ lbs.	5.95



V-107 VFO Kit for 6 and 2 Meters

$24.95

$5 monthly

VFO kit for use with 6- and 2-meter transceiver kits. Has Clapp Oscillator circuit, carefully temperature compensated, for maximum stability. Voltage-regulator-stabilized DC supply for oscillator. Power is drawn from transceiver. Backlighted dial calibrated for 6 and 2 meters. Smooth, effortless vernier-tuning. B+ switch and indicator light for standby operation. 5½x4¼x6¼". With all parts, wire, solder, and step-by-step instructions. 5 lbs.
22 C 3461 X. *$5 Monthly*. **24.95**

See Facing Page for Complete 6- and 2-Meter Outfits

TR-106 3-Piece Base Station Outfit

Separately, $145.85. Save $5.00 on this 6-meter Amateur base-station outfit for reliable VHF communications. Includes: **Knight-Kit TR-106 6-Meter Transceiver Kit, Knight-Kit V-107 VFO Kit for 6 and 2 Meters, Desk-Top Base for Transceiver and VFO.** TR-106 offers dual-conversion receiver with 0.5 microvolt sensitivity; effective AVC and ANL action; three-stage 15-watt transmitter; separate AF and RF gain controls. Automatically switched, illuminated "S" meter/RF meter. Vernier-drive tuning; illuminated dial. Transmit indicator light on front panel. VFO features voltage-regulated DC supply for oscillator; temperature-compensated circuit. Transceiver size, 5½x13⅛x11″. VFO size, 5½x4¼x6¼″. 110-130 V, 60 Hz AC. 32 lbs.
22 C 0495 L3X. *$8 Monthly* **140.85**

TR-106 5-Piece Base Station Outfit

Separately, $172.85. Save $5.00 on this 6-meter Amateur base station kit outfit. After a few enjoyable hours of building, you're on the air with a deluxe VHF transceiver. Base station outfit includes: **Knight-Kit TR-106 6-Meter Transceiver Kit; Knight-Kit V-107 6 and 2-Meter VFO Kit; Desk-Top Base for positioning transceiver to the correct slope; Cush-Craft A50-5 6-Meter Beam Antenna delivers a powerful signal; 50-Feet of RG58/U Foam Coax with PL-259 Connectors.** Transceiver has sensitive dual-conversion receiver with 0.5 microvolt sensitivity; three-stage transmitter—doubler, tripler and straight-through final amplifier, 15 watts input; VFO has illuminated dial scales, temperature compensated circuit. For 110-130 V, 60 Hz AC. Wt., 49 lbs.
22 C 0151 L5ZX. *$9 Monthly*.........**167.85**

TR-108 3-Piece Base Station Outfit

Separately, $145.85. Save $5.00 on this 2-meter station offering the finest in VHF communications at moderate cost. Includes: **Knight-Kit TR-108 2-Meter Transceiver Kit; Knight-Kit V-107 VFO Kit for 2 or 6 Meters; Desk-Top Base for Transceiver and VFO.** TR-108 offers dual-conversion receiver with effective AFC and ANL action; three-stage 15-watt transmitter; separate AF and RF gain controls. Automatically switched, illuminated "S" meter, relative RF output meter. Vernier-drive tuning; illuminated dial. Transmit indicator light on front panel. VFO features voltage-regulated DC supply for oscillator; temperature-compensated circuit. Transceiver size, 5½x13⅛x11″. VFO, 5½x4¼x6¼″. 110-130 volts, 60 Hz AC. 32 lbs.
22 C 0140 L3KX. *$8 Monthly*........**140.85**

TR-108 5-Piece Base Station Outfit

Separately, $166.30. Save $5.00 on this 2-meter base station outfit. Everything you need for a deluxe VHF Amateur Radio station—requires just a few enjoyable hours of construction. Outfit includes: **Knight-Kit TR-108 2-Meter Transceiver Kit; Knight-Kit V-107 VFO Kit; Desk-Top Base that positions transceiver and VFO for operating ease; Cush-Craft A-144-11 2-Meter Beam Antenna; 50-Feet of RG58/U Foam Coax with PL-259 Connectors.** Transceiver has sensitive dual-conversion receiver; high-level plate and screen-modulated 15-watt transmitter; pi-matching network for 30-90 ohms. VFO has temperature-compensated circuit. Complete with mike, instructions. For 110-130 volts, 60 Hz AC. 42 lbs.
22 C 0153 L5ZX. *$9 Monthly*..........**161.30**

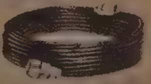
6- and 2-Meter Base Station Kit Outfits

knight-kit
KITS
AMATEUR GEAR

3-Piece Base Station

Save $5.00 **$140^{85}** **$8 monthly**

5-Piece Base Station

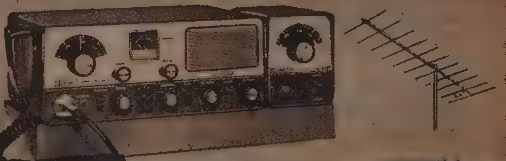


Save $5.00 **$167^{85}** **$9 monthly**

3-Piece Base Station

Save $5.00 **$140^{85}** **$8 monthly**

5-Piece Base Station



Save $5.00 **$161^{30}** **$9 monthly**

Get Your Transceiver Outfit Now on Allied's Credit Fund Plan

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KITS
AMATEUR GEAR

Hams! Here's Your Best Buy in An Advanced-Design Linear Amplifier

> ". . . a nice addition to Allied Radio's popular kit line . . . tested primarily on 6 meters . . . performs equally well on 10..."
> Popular Electronics

> ". . . economical way to really work out . . . you'll have the best signal on the block . . . it's a darn good investment."
> 73 Magazine

knight
6/10 METER LINEAR AMPLIFIER
LOAD
PLATE
MODEL T-175

300W PEP SSB, 150W CW, 120W AM Inputs

Popular T-175 Linear Amplifier Kit for 6 and 10-Meter SSB/AM/CW

$99.95 $5 monthly

- Covers 6, 10, and 11-Meter* Bands
- Perfect Match for TR-106 Transceiver
- Operates with Virtually Any Transmitter
- No Internal Connection to Exciter
- 1-4W AM, 1-7W CW, 1-15W SSB Drive
- Internal Automatic Antenna Switching
- Pi-Net Matches 50-70 Ohm Antennas
- Forced-Air Cooling Fan for Transmit

The choice of the experts, this 6 and 10/11-meter* linear amplifier kit puts extra power in your Hamshack for less than a dollar per watt. Delivers plate power input of up to 300 watts PEP on SSB, 120 watts AM, and 150 watts CW. Drive requirements are 1-15 watts PEP SSB, 1-4 watts AM, 1-7 watts CW (50-ohm, 5-watt swamping resistor supplied for higher power exciters).

Two illuminated meters for plate current and combination grid current relative power. Internal automatic antenna changeover circuit for SSB, AM, and low speed CW—no internal connections to transceiver required. Rugged fan for forced air cooling during transmit. Thermal radiators on plate caps reduce tube temperature. Standard SO-239 coaxial connectors.

Input impedance, 50 ohms nominal; output impedance, 50-70 ohm pi matching network. Size, 5½x13⅛x11" deep. Coils supplied for *26.960-29.700 MHz and 50-54 MHz. With all parts, wire, solder, and detailed instructions. For 110-130 V, 60 Hz AC. *Illegal for Class D CB Operation in U.S.A. Shpg. wt., 22 lbs.
22 C 3463 X. *$5 Monthly*.. 99.95

SPECIFICATIONS

Frequency Coverage: *26.960-29.700 MHz and 50-54 MHz. *Power Input* (Depends on input drive level): AM, 120 watts max.; CW, 150 watts max.; SSB, 300 watts PEP max. *Drive Requirements:* AM, 1-4 watts; CW, 1-7 watts; SSB, 1-15 watts PEP max. *Class of Operation:* Class B_2, grounded grid, triode connected beam pentodes. *Input Impedance:* 50 ohms nominal. *Output Impedance:* Pi-matching network for 50-70 ohm loads with a VSWR of 3:1 or less. *Tubes:* 6JE6A output amplifiers; 12AT7 relay amplifier. *Primary Input:* 110-130 V, 60 Hz AC; 220 W max., 45 W standby.

FINEST HAM RADIO VALUES ON-THE-AIR

1. MAXIMUM VALUE FOR YOUR KIT DOLLAR
2. ADVANCED DESIGN, TOP PERFORMANCE
3. COMPLETE EASY-TO-FOLLOW INSTRUCTIONS
4. EXCLUSIVE FEATURES AND CONSERVATIVE RATINGS
5. DEPENDABLE, PREMIUM-QUALITY COMPONENTS

Knight-Kits Are First in Design, Value and Dependability

Helpful Knight-Kit Accessories for Ham Shack, Laboratory, and Shop

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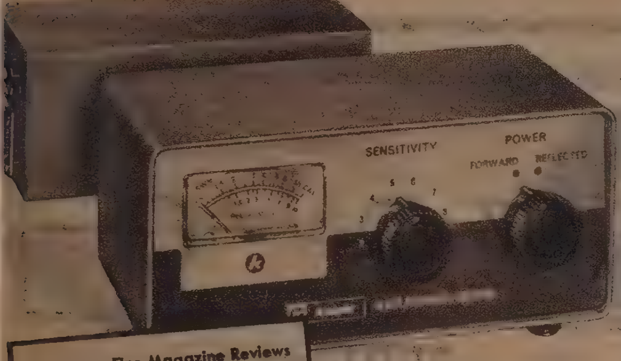
KITS
AMATEUR GEAR



P-2 Earns Fine Magazine Reviews
"... worked perfectly ... no adjustments were required ..." —73
"... price class makes it a difficult item to duplicate ..." —QST

$\$16^{95}$

P-2 SWR/Power Meter Kit

Versatile Two-Unit Design

- Low-Power to 1000 Watts Capacity
- May Be Left Permanently in Line
- For Amateur, CB, and Other Services

Easy-to-assemble SWR/Power Meter kit measures SWR from 1:1 to 20:1 and relative power from 0-10. Covers 1.8 to 432 MHz. Flexible two-unit construction—consists of coupler and indicator connected by a 4-ft. shielded cable. May be left permanently in the transmission line with negligible power loss. Requires no AC power or batteries. Accuracy is better than 10%. Sensitivity adjustment. Gray satin finish. Coupler, 2x5x2½". Indicator, 2⅞x6¼x3". SO-239 coax connectors. With all parts, wire, solder, detailed instructions.
22 C 3627 X. Shpg. wt., 3 lbs........ **16.95**

G-30 Grid-Dip Meter Kit—Has Many Uses

- Continuous Overlapping Coverage
- 1.5 to 300-MHz Frequency Range
- Color-Coded Scales Match Coils

$\$23^{95}$ $5 monthly

n extremely useful instrument in any Ham shack, lab, or shop. reat for aligning receivers, adjusting wave traps, finding parasitic scillations, adjusting antennas, or as a resonant frequency-indicator, gnal generator, absorption wavemeter, more. Its compactness—nly 1⅝" deep—allows it to fit easily in the palm of your hand. Dial alibration and movable hairline cursor permit fast, accurate readigs. Covers all frequencies from 1.5 to 300 MHz in 6 overlapping anges. Dial scales are color-coded to match coils. Variable sensitivity ontrol for optimum grid current adjustment. Circuit is so stable aat entire band may be tuned without readjusting gain. Becomes a ystal oscillator with a standard-spaced plug-in crystal. Phone jack ermits use as modulation monitor or regenerative detector. 6⅜x ¼x1⅝". With 6 coils in plastic case, detailed easy-to-follow instrucons. For 110-130 V, 50-60 Hz AC. Shpg. wt., 2 lbs.
2 C 3721 X. *$5 Monthly*.................................. **23.95**

Fits in the Palm of Your Hand

SOME OF THE MANY G-30 USES

Grid-Dip Oscillator, Oscillation Detector, Signal Generator, Absorption Wavemeter, Modulation Monitor, Regenerative Detector. Checks Resonant Frequencies of L-C Networks in TV, Radio Circuits. Determines Inductance and Capacitance.

X-10 100-kHz Crystal Calibrator Kit for Accurate Marking

- Provides Frequency Marker Every 100 kHz to 35 MHz
- Convenient Trimmer Permits Zero-Beating with WWV
- Builds into Knight-Kit R-100A, R-55A, Other Receivers

Low-cost secondary frequency standard produces harmonics every 100 kHz up to 35 MHz. Markers give check points that are extremely accurate in the 160 to 10-meter Ham bands and international SW bands. A "must" for calibrating dials and marking band edges. Trimmer for zero-beating with WWV or any station on a multiple of 100 kHz. Four wires to connect power. Requires 6.3 VAC or DC at 150 mA, and 150-300 VDC at 6 and 3 mA respectively. On-off switch. 3½x2½x1½". Fits inside most Amateur receivers. With wire, solder, hermetically sealed 100-kHz crystal, easy instructions.
22 C 3256 X. Shpg. wt., 1 lb.............................. **12.95**

With Crystal

$\$12^{95}$

All Ham Bands from 160-10 Meters

knight
X-10
CRYSTAL CALIBRATOR
ALLIED RADIO CORP.

knight-kit
SPECIAL
VALUE

New Low Price on Safari® II Citizens Band 2-Way Radio Kit

Safari II
VOLUME
SQUELCH
OFF
OPEN
knight
knight
CHANNEL

$49.95

$5 monthly

Thousands Sold for $69.95 in Catalog 270

- ✓ Precision Factory-Assembled and Aligned Transmitter Circuit
- ✓ Advanced Solid-State Construction with 13 Transistors and 9 Diodes
- ✓ Stable Silicon Transistor Circuit for Dependable Communications
- ✓ Front Panel Simplified to Three Controls for Easy Operation
- ✓ Excellent 1.5 μV Sensitivity for 10 dB Signal-to-Noise Ratio
- ✓ Selectivity Is a Sharp 4 kHz at 6 dB Down for 10 μV Signal Input
- ✓ Adjacent-Channel Rejection Is Over 30 dB on Five Tuned Circuits
- ✓ Adjustable Squelch, Series-Gate Noise Limiter Quiets Operation
- ✓ Transmitter Features Full Legal-Limit 5-Watt Power Input
- ✓ Crystal-Controlled Transmit and Receive on up to 5 Channels

SOLID STATE

5-Watt Solid-State 2-Way Radio with 5 Channels

Popular CB 2-way radio kit offers outstanding two-way communications on up to 5 crystal-controlled transmit-receive channels. Features factory assembled and aligned transmitter circuit; simple 3-control operation; stable *silicon* transistor solid-state circuit. Compact design permits mounting in cars or boats in a matter of minutes. Or use it with the optional AC power supply (below) for a fine 5-channel base station.

Sensitive superhet receiver has adjustable squelch for total silence between calls; series-gate noise limiter to overcome ignition or pulse-type interference. Transmitter has full legal 5-watt input power; double-pi output network to match 50-ohm antennas. On-off volume control; 5-channel rotary-type illuminated selector switch.

Rugged metal case, only 2⅛x6⅞x8½". With SO-239 antenna connector, push-to-talk speaker/mike, crystals for Channel 9, all parts, wire, solder, instructions. For 12 VDC negative ground. Order extra crystals below. Shpg. wt., 4 lbs.

22 C 3840 X. *$5 Monthly*...**49.95**

22 C 3197 X. Mobile Mounting Bracket. Shpg. wt., 3 lbs.....................3.95

Extra Crystals. *Specify Channel 1-23*. Shpg. wt., 3 oz.

22 C 3217 CX. Transmit......Each 2.50....Lots of 3..........Each 1.95

22 C 3218 CX. Receive.......Each 2.50....Lots of 3..........Each 1.95

SPECIFICATIONS

RECEIVER CIRCUIT: *Sensitivity:* 1.5 μV for 10 dB S/N ratio. *IF Selectivity:* 4 kHz at 6 dB down for 10 μV signal input. *Adjacent Channel Rejection:* over 30 dB on 5 tuned circuits. TRANSMITTER CIRCUIT: *Power Input:* 5 watts. *Output Impedance:* 50-ohm antenna. *Modulation:* 80% minimum. *Power Output:* 3 watts. SEMICONDUCTOR COMPLEMENT: 13 silicon transistors, 9 diodes.

Safari II and III AC Power Supply and Charger

Converts Safari II and III to 110-130 VAC

Allows you to take advantage of Safari Series versatility. Factory assembled—instantly converts them to 110-130 V, 60 Hz AC operation for base station use. Also serves as battery charger for portable pack (facing page). 3-position switch (Charge/Off/Operate); regulated DC output. 2¾x5⅛x8". With cables. 110-130 V, 60 Hz AC. Shpg. wt., 3½ lbs.

22 C 3180 X.....................**15.95**

Safari® II Solid-State CB Radio Kit Outfits

Two-Way Mobile-Station Kit Outfit

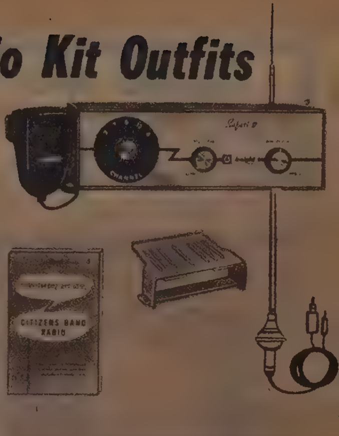
- For Operation in Any 12-VDC Vehicle
- Allied/Knight CB/AM/FM Antenna
- Slip-Out Mobile Mounting Bracket

Outstanding value! Easy-to-operate mobile station offers reliable two-way Citizens Band communications for vehicle or boat. Includes: **Knight-Kit Safari II 5-Channel CB 2-Way Radio Kit for 12 VDC Operation; Mobile Mounting Bracket with Slip-Out Design; Allied/Knight CB/AM/FM Antenna; Allied's "Understanding and Using CB Radio" Book; Crystals for Channel 9.** Safari II has series gate noise limiter to overcome pulse-type interference, adjustable squelch for total silence between calls, full legal 5-watt input power for longer range, double-pi output network, illuminated 5-channel rotary selector switch, volume and squelch controls. Shpg. wt., 8 lbs.
22 C 0155 L3X. *$5 Monthly*................64.90

MOBILE STATION OUTFIT

$64.90

$5 monthly



Alternate Mobile-Station Outfit

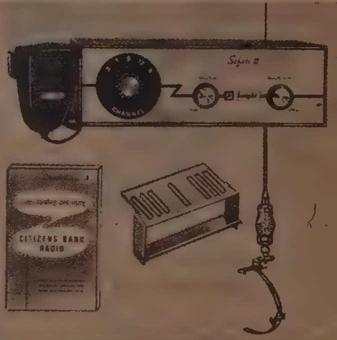
- Allied/Knight 102-inch Whip Antenna
- For Operation in Any 12-VDC Vehicle
- Slip-Out Mobile Mounting Bracket

Extra-special buy! Complete mobile station provides two-way Citizens Band communications for any vehicle or boat. Includes: **Knight-Kit Safari II 5-Channel CB 2-Way Radio Kit for 12 VDC Operation; Mobile Mounting Bracket with Slip-Out Design; Allied/Knight 102-In. Stainless-Steel Whip Antenna; Allied's "Understanding and Using CB Radio" Book; Crystals for Channel 9.** Antenna includes bumper mount, ball, spring, gutter clip, cable, and plug. Durable base is built for quick installation. Safari II is fully crystal controlled. Additional channel crystals simply plug into the circuit. Shpg. wt., 14 lbs.
22 C 0144 L3X. *$5 Monthly*................69.42

MOBILE STATION OUTFIT

$69.42

$5 monthly



Two-Way Base-Station Kit Outfit

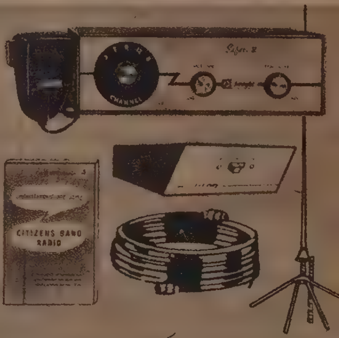
- Assembled 110-130 VAC Power Supply
- Allied/Knight KN-2505A Ground-Plane
- 50 Feet of RG-58/U Foam Coax Cable

Exceptional price! Superb Citizens Band outfit provides everything you need for an excellent base station. Delivers fixed location communications on up to 5 channels. Includes: **Knight-Kit Safari II 5-Channel 2-Way Radio Kit; Allied/Knight KN-2505A Ground-Plane Antenna; Assembled AC Power Supply for 110-130 VAC Operation; 50 Feet of RG-58/U Foam Coax Cable with PL-259 Connectors; Allied's "Understanding and Using CB Radio" Book; Crystals for Channel 9.** Safari II features factory assembled and aligned transmitter circuit, solid-state design. Shpg. wt., 18 lbs.
22 C 0154 L4X. *$5 Monthly*.................81.85

BASE STATION OUTFIT

$81.85

$5 monthly



Safari II and III Accessories for Portable Use

Accessory Battery Pack. Factory assembled. Converts Safari to portable station. Switch for Charge/Off/Operate. Battery condition meter. Uses 9 "D" cells, rechargeable or regular. With cables, carry strap. Order batteries, accessory antenna, canvas carry bag at right. 1½x7x 8½". 2 lbs. *$5 Mo.*
22 C 3196 X.........19.95

Accessory Antenna. For use with battery pack as a highly efficient radiator for portable service. Stainless steel, center loaded. 20-in. overall length. Has removable right-angle connector. Waterproof, fights corrosion. May be used for either portable or base station operation. Shpg. wt., 1 lb.
22 C 3109 X..........5.95

Extra Crystals. *Specify Channel 1-23.* (Safari units supplied with Chan. 9).
22 C 3217 CX. Transmit. Shpg. wt., 3 oz..Each 2.50
In Lots of Three..Each 1.95
22 C 3218 CX. Receive. Shpg. wt., 3 oz..Each 2.50
In Lots of Three...Each 1.95

Rechargeable Alkaline Cells. (Uses 9.) 4 oz.
18 C 5815........Each 1.00

Canvas Carrying Bag. Waterproof. Protects Safari units from damaging weather and elements. Holds Safari unit, battery pack, antenna. With convenient carrying handle. Shpg. wt., 2 lbs.
22 C 3199 X..........9.95

"D" Cells. For battery pack. (Uses 9.) 5 oz.
18 C 5779...Pkg. of 2/33¢

See Facing Page for Description and Specifications of the Safari II

knight-kit

KITS

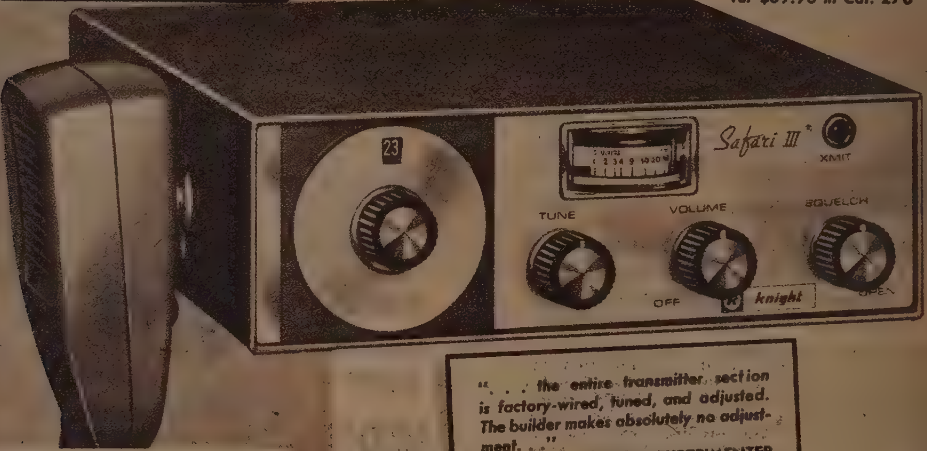
CB RADIO

New Low Price on Safari® III Citizens Band 2-Way Radio Kit

$79.95 $5 monthly

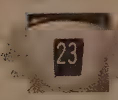
SOLID STATE

Thousands Sold for $89.95 in Cat. 270



> *". . . the entire transmitter section is factory-wired, tuned, and adjusted. The builder makes absolutely no adjustment. . ."*
> —RADIO-TV EXPERIMENTER

SOME UP-TO-THE-MINUTE FEATURES OF THE SAFARI III



Twenty-Three Crystal-Controlled Channels Covering the Entire Citizens Band

Transmit Indicator-Light Glows When You Are on the Air and Transmitting

"S" Meter Reads Incoming Signal Strength and Serves as Tuning Meter

Squelch Control Adjusts Receiver for Silence Between Incoming Calls

All Solid-State with 14 Silicon Transistors and 9 Diodes for Excellent Stability

5-Watt Solid-State 2-Way Radio with 23 Channels

- Precision Factory Assembled and Aligned Transmitter Circuit
- All Silicon Transistors for Excellent Stability and Performance
- Series-Gate Noise Limiter Overcomes Pulse-Type Interference
- Generous Heat-Sinking for Long, Trouble-free Transistor Life

Outstanding Safari III CB 2-way radio kit offers deluxe two-way CB communications. Its 23-channel crystal-controlled transmit/receive capability provides maximum operating versatility. Features factory assembled and aligned transmitter plus all *silicon* transistor solid-state circuits for excellent stability. Generous heat sinking for longer transistor life, minimum maintenance.

Sensitive superhet receiver has "S" meter; adjustable squelch to silence speaker between calls; fine-tuning control to pull in stations operating slightly off frequency; series-gate noise limiter. Transmitter has full legal-limit 5-watt input power; transmit indicator light; double-pi output, matching 50-ohm antennas. Transmit and receive crystals simply plug into circuit. Combination on/off volume control; illuminated channel-selector switch.

Metal case, only 2⅛x6⅞x8½". With SO-239 antenna connector, push-to-talk mike that also serves as speaker, crystals for Channel 9; all parts, wire, solder, instructions. 12 VDC, negative ground.

22 C 3842 X. Shpg. wt., 4 lbs. *$5 Monthly* 79.95
22 C 3197 X. Mobile Mounting Bracket. Shpg. wt., 3 lbs. 3.95

Extra Crystals. *Specify Channel 1-23.* Shpg. wt., 3 oz.

22 C 3217 CS. Transmit	**Each 2.50**	**3 and up**	**Each 1.95**
22 C 3218 CS. Receive	**Each 2.50**	**3 and up**	**Each 1.95**

SAFARI III SPECIFICATIONS

RECEIVER. *Sensitivity:* 1.5 μV for 10 dB S/N ratio. *IF Selectivity:* ±4 kHz at 6 dB down for 10 μV input. *Adjacent Channel Rejection:* over 30 dB on 5 tuned circuits. **TRANSMITTER.** *Power Input:* 5 watts. *Output Impedance:* matches 50-ohm antenna. *Modulation:* ±80% minimum. *Power Output:* 3 watts. **GENERAL.** *Switches and Controls:* On/Off Volume; Adjustable Squelch Control; Illuminated Selector Switch; Fine-Tuning Control; Transmit Indicator Light; "S" Meter. *Semiconductor Complement:* 14 silicon transistors and 9 diodes.

See Pages 500 and 501 for Safari III Accessories

Save on Safari® III CB Solid-State Kit Outfits

Mobile Station Kit Outfit

Separately, $99.35. Deluxe mobile 2-way radio outfit for cars and boats. You enjoy all the fine features of the Safari III in a high-performance Citizens Band mobile station. Includes: **Knight-Kit Safari III 23-Channel Solid-State Citizens Band 2-Way Radio Kit for 12 VDC; Mobile Mounting Bracket with Slip-Out Design; Knight KN-2506 102" Stainless Steel Whip Antenna with Bumper Mount, Ball, Spring, Gutter Clip, Cable, Plug; Allied's "Understanding and Using CB Radio" Book; Crystals for Channel 9.** Compact size, easy to install and operate. Simple to assemble with detailed instructions. 14 lbs.

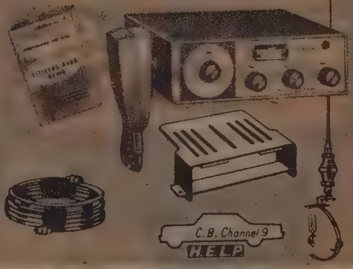
22 C 0146 L3X. *$5 Monthly*.......... 84.35

MOBILE STATION

Save $15.00

$84.35

$5 monthly



Alternate Mobile Kit Outfit

Separately, $94.35. Same as above, with all the features, but with **Knight KN-2578 30" Whip Antenna** in place of the KN-2506. Includes 18-ft. of RG-58/U Cable, 2 mounting wrenches. The Safari III features factory assembled and aligned transmitter to simplify assembly and assure the finest performance. All *silicon* transistor solid-state circuits throughout for excellent stability. Generous heat sinking for long transistor life and fewer servicing problems. Low battery drain makes it ideal for mobile use. Shpg. wt., 8 lbs.

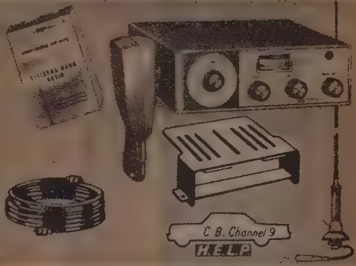
22 C 0157 L3X. *$5 Monthly*.............. 82.35

MOBILE STATION

Save $12.00

$82.35

$5 monthly



Base Station Kit Outfit

Separately, $115.85. Everything you need for a complete high-efficiency base station. Features the superb Safari III with its advanced *all-silicon* transistor solid-state circuit. You get reliable long-range CB communications with this fine station. Includes: **Knight-Kit Safari III 23-Channel Solid-State Citizens Band 2-Way Radio Kit; Assembled AC Power Supply for 110-130 VAC Operation; Knight KN-2570 Ground Plane Antenna; 50 Feet of RG-58/U Foam Coax Cable, All Connectors; Allied's "Understanding and Using CB Radio" Book; Crystals for Channel 9.** Shpg. wt., 15 lbs.

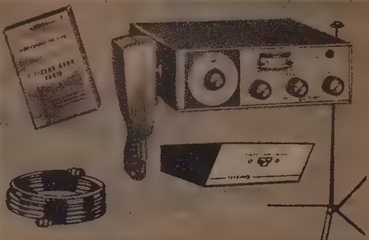
22 C 0145 L4X. *$5 Monthly*................ 99.85

BASE STATION

Save $16.00

$99.85

$5 monthly



Alternate Base Kit Outfit

Separately, $126.85. Same as above, with all the features, but with **Knight KN-2572 Maximum-Gain Ground Plane Antenna** in place of KN-2570. The KN-2572 for base installation uses a 19-foot radiator with top-hat static arrestor and center skirt, three 108" aluminum radials. Safari III has series-gate noise limiter, adjustable squelch, silicon-transistors for reliable operation over a wide temperature range. Wt., 8 lbs.

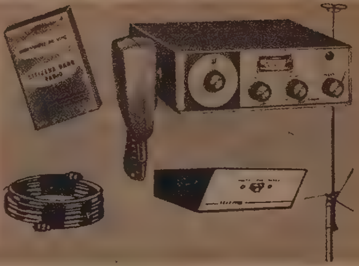
22 C 0147 L4X. *$6 Monthly*.............. 109.85

BASE STATION

Save $17.00

$109.85

$6 monthly



Portable Station Kit Outfit

Separately, $118.20. A complete portable CB station outfit that assures you efficient two-way communications. An ideal choice for camping, fishing, or hunting trips; keeps you in touch in case of emergency. Includes: **Knight-Kit Safari III 23-Channel Citizens Band 2-Way Radio Kit; Assembled Battery Pack with Battery-Condition Meter and 12 VDC Cable; Top-Loaded 20" Stainless Steel Antenna; Waterproof Canvas Carrying Bag; Allied's "Understanding and Using CB Radio" Book; 10 "D" Cells; Crystals for Channel 9.** The compact size and light weight of the Safari III makes it an excellent portable and outdoor CB station. Silicon transistor circuit assures stable performance and long-term reliability. Carrying bag holds Safari III, antenna, and battery pack. Shpg. wt., 11 lbs.

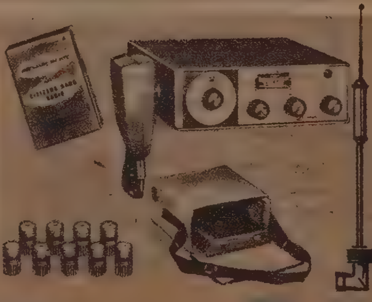
22 C 0518 L4X. *$5 Monthly*.............. 99.95

PORTABLE STATION

Save $18.25

$99.95

$5 monthly



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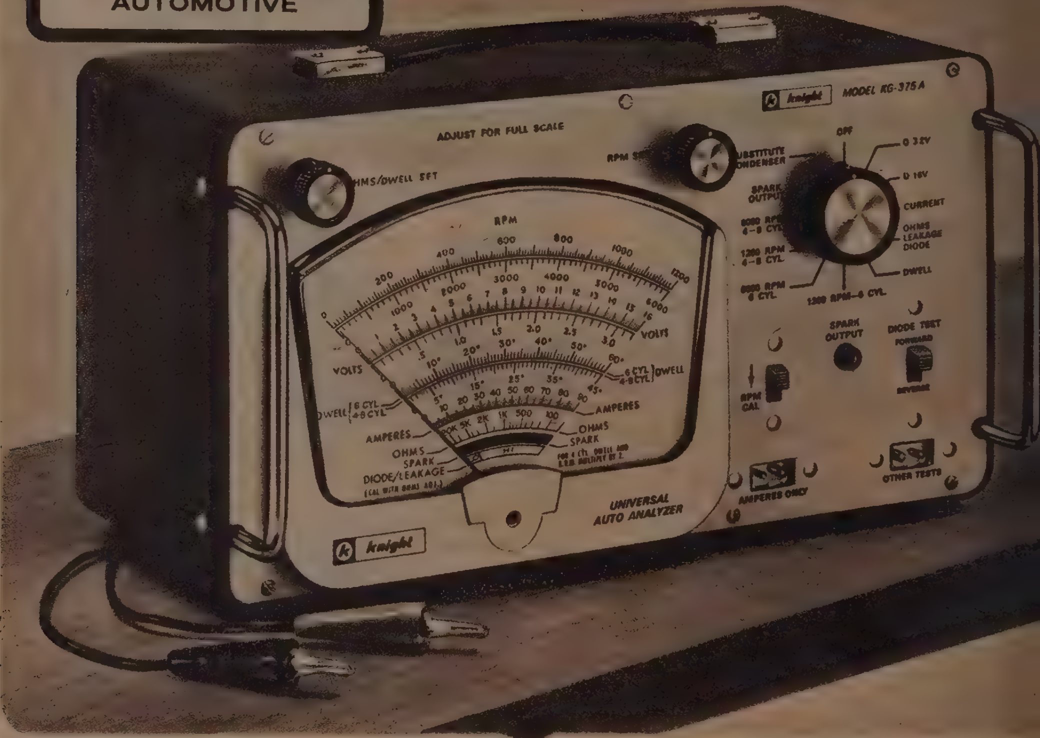
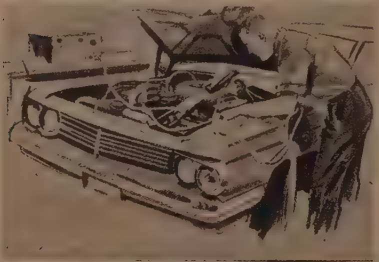
KITS
AUTOMOTIVE

Solid-State Auto Analyzer Kit

TUNEUP AND TROUBLESHOOT ANY CAR .. EVEN MAKE ACTUAL ROAD TESTS


knight MODEL KG-375A
ADJUST FOR FULL SCALE
OHMS/DWELL SET
RPM SET
SUBSTITUTE CONDENSER
OFF
0 32V
0 16V
CURRENT
OHMS LEAKAGE DIODE
DWELL
SPARK OUTPUT
6000 RPM 4-8 CYL
1200 RPM 4-8 CYL
6000 RPM 6 CYL
1200 RPM—6 CYL
RPM
VOLTS
DWELL 6 CYL 4-8 CYL
AMPERES
OHMS
SPARK
DIODE/LEAKAGE
SPARK OUTPUT
DIODE TEST FORWARD REVERSE
RPM CAL
AMPERES ONLY
OTHER TESTS
UNIVERSAL AUTO ANALYZER
knight



"... The finished analyzer is as accurate as any ready-made unit ... top-quality components."
POPULAR SCIENCE MONTHLY

"Enables anyone to make his own tuneups ... do his own troubleshooting with ... ease ..."
SCIENCE AND MECHANICS

KG-375A Portable Auto Analyzer Kit

$49.95
$5 monthly

- Silicon Solid-State Tachometer Circuit
- Printed Circuit Board for Easy Assembly
- Battery-Powered for In-Car Road Tests
- Detailed Tuneup, Troubleshooting Chart

Portable KG-375A Solid-State Auto Analyzer Kit can save you up to hundreds of dollars. Helps you make your own tuneups, and do many of your own auto repairs and adjustments. Accurately checks voltage and current regulators, generators, alternator diodes. Detects distributor wear, condition of point surfaces, variation of dwell angle. Determines coil resistance; locates poor or open electrical ground circuits, much more. Self-contained and portable—even allows actual road performance tests. Single function switch for operating ease. Easy-to-read 7" meter has sensitive D'Arsonval movement; scales for 0-1200-6000 engine rpm; 0-3.2-16 volts; 0-90 amps; 0-20,000 ohms; 0-45°-60°-90° dwell angle, spark output and leakage. Rugged case, 6½x12x5½", with roll bars, carrying handle, soft rubber feet. With comprehensive tuneup, troubleshooting manual; 4 "C" batteries; 90-amp shunt; solder; full instructions for easy assembly. For 6- or 12-volt systems, 4-, 6-, 8-cylinder engines, positive or negative ground. From Japan. Shpg. wt., 11 lbs.
22 C 3323 X. *$5 Monthly*....................................49.95

Chilton's 1968 Auto Repair Manual

Comprehensive manual covers all U.S. cars, 1960 to 1968. Offers detailed step-by-step instructions for every repair and adjustment. Expanded troubleshooting section. Illustrated. More than 1400 pages. Hard cover.
23 C 7121 E. Shpg. wt., 7 lbs.............................9.95

Deluxe Ignition System Kit

KG-372 CAPACITIVE-DISCHARGE SYSTEM INCREASES ENGINE EFFICIENCY

knight-kit
KITS
AUTOMOTIVE

Offers Up to 20% Increased Gas Mileage and 3 to 10 Times Longer Spark Plug Life! Cuts Ignition Maintenance 60% to 80%

knight
MODEL KG-372
CAPACITIVE DISCHARGE IGNITION SYSTEM

Made for Knight-Kit by DELTA

KG-372 Capacitive-Discharge Ignition System Kit

$28.95
$5 monthly

- Silicon-Controlled Rectifier Switching
- Installs in Car or Boat in Just 10 Minutes
- For Positive or Negative 12-Volt Systems
- Gives Fast, Sure Starts in Any Weather

Deluxe solid-state capacitive-discharge ignition system kit. Saves trouble, saves money—offers dramatic performance improvement for your car or boat at an exciting low price. True electronic system uses highly reliable Silicon-Controlled-Rectifier (SCR) switching. Provides many times the energy of conventional systems to give you more complete combustion, increased acceleration and improved engine performance, plus 10% to 20% increased gas mileage.

Increased spark magnitude—from 3 to 4 times normal—assures improved ignition. Fast spark rise-time helps prevent fouling and electrode erosion, resulting in 3 to 10 times longer spark plug life. Complete combustion process materially reduces formation of residuals and other contaminants which shorten engine life. Installs in less than 10 minutes into standard ignition system with no rewiring, removal, or addition of parts. Leaves original coil intact—disconnects in one minute to allow immediate performance comparisons.

Input current: 1-5 amps, depending on engine rpm; 400-volt discharge pulse. Can be triggered by ignition points or any suitable source. Unaffected by temperature extremes or operating conditions—provides fast, sure starts in any weather. 12-volt systems only, positive or negative ground. 3x5½x3⅝". With all parts, solder, step-by-step assembly instructions. Shpg. wt., 2½ lbs.

22 C 9575 X. *$5 Monthly*............................28.95

Outstanding Quality!

- Provides More Complete Combustion for Improved Performance
- Increased Spark Magnitude Assures Fast, Positive Ignition
- Disconnects Easily for Immediate Performance Comparisons

SPECIFICATIONS

Input Source:
12-V positive or negative ground battery, generator or alternator system.

Input Current:
1-5 amps, depending on engine rpm.

Output Voltage:
400-volt discharge pulse.

Triggering:
Ignition points or other source.

Maximum Point Series Resistance:
Approximately 25 ohms.

Mininum Point Shunting Resistance:
Approximately 200 ohms.

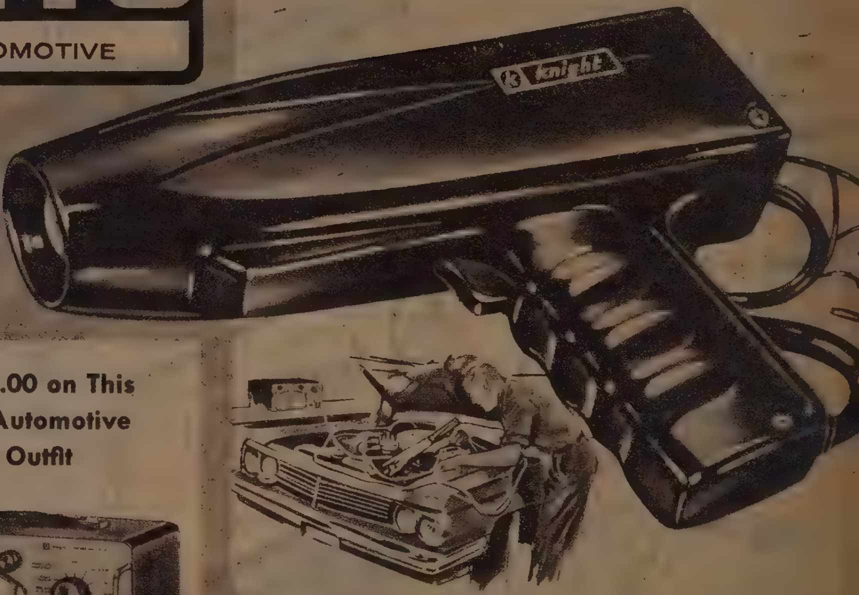
Open Circuit Secondary Voltage:
Cranking 8-V input, 35 kV.
500-rpm 12-V input, 50 kV.
7500-rpm 14-V input, 40 kV.

knight-kit

KITS

AUTOMOTIVE

KG-371 Deluxe Solid-State Auto Timing Light Kit



COMPARABLE TO LIGHTS COSTING MUCH MORE

- ✓ Helps Set Ignition Timing
- ✓ Checks Synchronization of Double Breaker Arms
- ✓ Checks for Sticking Automatic Spark Advance Mechanism
- ✓ Checks Distributor Cam Wear
- ✓ Built-In DC Power Supply
- ✓ Reliable Solid-State Circuit
- ✓ Pistol Grip with Trigger Switch
- ✓ Rugged High-Impact Housing
- ✓ Up to 1250 Flashes per Minute (2500 rpm with 4-Cycle Engines)

$\$19^{95}$

$5 monthly

- Built-In Power Supply for 600-Volt Flashtube
- Brighter Flash Than Units Operated from Ignition Coil
- For 6 or 12 Volts, Positive or Negative Ground
- Clear and Comprehensive Operating Directions

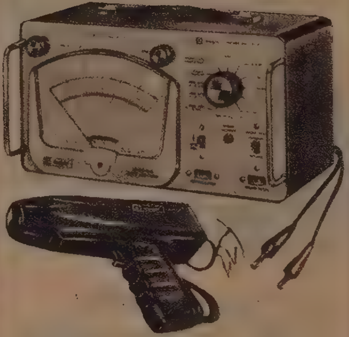
This easy-to-build timing light kit is comparable to factory assembled lights costing much more. High-intensity light "stops" timing marks on engine's flywheel or crankshaft vibration dampener. Lets you accurately check timing by lining up marks with pointer. Helps you get maximum fuel economy and power by making sure plugs are firing at proper intervals in compression cycle. Checks ignition timing, synchronization of double breaker arms, automatic spark advance and distributor cam wear.

Built-in solid-state DC power supply and high-intensity 600-volt flashtube generate extra-bright flashes, sharply focused by a special light-concentrating lens. Offers brighter flash than those obtained from timing lights that operate off ignition coil—can be clearly seen even in brightly lighted work areas. Delivers up to 1250 flashes per minute (2500 rpm with 4-cycle engine). High-impact housing, with comfortable, form-fitted trigger switch.

High-voltage cable attaches by insulated adapter clip between spark plug and its wire; DC cables attach directly to car battery. All cables are $5\frac{1}{2}$-ft. long for easy under-hood testing. Overall size, $6\frac{7}{8}$x$8\frac{3}{4}$x2". With solder, insulated copper hippo clips, all cables, spark plug adapter. Easy-to-follow step-by-step assembly instructions, comprehensive operating procedures. For 6- or 12-volt systems, positive or negative ground. From Japan. Shpg. wt., 2 lbs.

22 C 3312 X. *$5 Monthly*. 19.95

Save $5.00 on This Basic Automotive Kit Outfit



Save $5.00 **$\$64^{90}$** **$5 monthly**

- For Tuneups and Troubleshooting
- Easy-to-Assemble Solid-State Kits
- Helps You Make Your Own Repairs

Separately, $69.90. Basic automotive kit outfit helps you get your car in top shape and keep it that way. Consists of: **Knight-Kit KG-371 Solid-State Timing Light Kit and Knight-Kit KG-375A Solid-State Auto Analyzer Kit.** Auto analyzer performs dozens of checks; invaluable for tuneups and troubleshooting. Has scales for engine rpm, dwell angle, spark output, leakage, volts, amps and ohms. Checks generators, regulators, alternator diodes, much more. Has easy-to-read 7" meter with D'Arsonval movement, color-coded scales. Both kits complete with all parts, solder, step-by-step instructions. 13 lbs.

22 C 0660 L2X. *$5 Monthly*. 64.90

Money-Saving Automotive Outfits for Tuneup, Repair

A 3-Piece Repair/Tuneup Kit Outfit

Separately, $79.85. Big savings on combination offer great for part-time mechanics and hobbyists. Includes: **Knight-Kit KG-375A Auto Analyzer Kit; Knight-Kit KG-371 Auto Timing Light Kit; Chilton's 1968 Auto Repair Manual.** Auto analyzer makes dozens of measurements—even performs actual road tests. Timing light kit helps produce top power and fuel economy. Chilton's 1968 Auto Repair Manual covers all U. S. cars, 1960-1968. Has detailed step-by-step instructions for every repair and adjustment, easy-to-follow illustrations. Expanded troubleshooting section for easy location of defective elements. Over 1400 pages, plus 3000 illustrations. Kits complete with all parts, solder, assembly instructions. Wt., 20 lbs.

22 C 0658 L3X. *$5 Monthly* 71.85

B Top-Performance 4-Piece Kit Outfit

Separately, $108.80. Quality automotive kit outfit not only provides everything needed for fast, easy tuneups and repairs, but also includes ignition system kit for dramatically improved engine performance, 3 to 10 times longer spark plug life, and up to 20% increase in gas mileage. Includes: **Knight-Kit KG-375A Auto Analyzer Kit; Knight-Kit KG-371 Auto Timing Light Kit; KG-372 Capacitive-Discharge Ignition System Kit; Chilton's 1968 Auto Repair Manual.** All kits feature dependable solid-state circuits for long-life performance. Ignition system kit installs on present coil without addition or removal of parts, disconnects easily for immediate performance comparisons. Assures fast, sure starts in any weather. 22 lbs.

22 C 0448 L4X. *$5 Monthly* 94.80

C Deluxe 6-Piece Repair Kit Outfit

Separately $87.67. Ideal for serious hobbyists, technicians. Offers more sophisticated troubleshooting, extensive tests and analyses. Includes: **Knight-Kit KG-375A Auto Analyzer Kit; Knight-Kit KG-371 Timing Light Kit; Chilton's 1968 Auto Repair Manual; Assembled Compression Tester, Vacuum and Fuel Pump Tester, Remote Starter.** Compression tester locates trouble in valves, piston rings, cylinder head gasket. Vacuum and fuel pump tester checks for proper idle adjustment, leaky valves, gas line leakage, Reads up to 30" vacuum, 7 lbs. pressure. Remote starter permits under-the-hood starting for easy one-man testing. Knight-Kits complete with all parts, solder, instructions; other units assembled. 22 lbs.

22 C 0659 L6X. *$5 Monthly* 75.50

D Our Finest! 7-Piece Kit Outfit

Separately $116.62. Our finest automotive kit outfit—complete repair instruments plus capacitive-discharge ignition system kit for top operating performance. Includes: **Knight-Kit KG-375A Auto Analyzer Kit; Knight-Kit KG-371 Auto Timing Light Kit; Knight-Kit KG-372 Capacitive-Discharge Ignition System Kit; Chilton's 1968 Auto Repair Manual; Assembled Compression Tester, Vacuum and Fuel Pump Tester, Remote Starter.** Auto analyzer and timing light kits permit complete electrical checks and adjustments. Testers check gas lines, valves, pistons, cylinder head gasket. Capacitive-discharge ignition system offers up to 20% increased gas mileage; 3 to 10 times longer spark plug life; reduced engine maintenance. Wt., 26 lbs.

22 C 0491 L7X. *$5 Monthly* 99.95

Help You Keep Your Car in Top Shape All Year 'Round

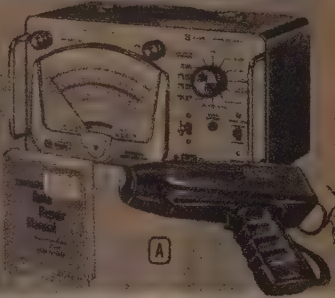
knight-kit
KITS
AUTOMOTIVE

Tuneup, Repair Kit Outfit

Save $8.00

$71.85

$5 monthly

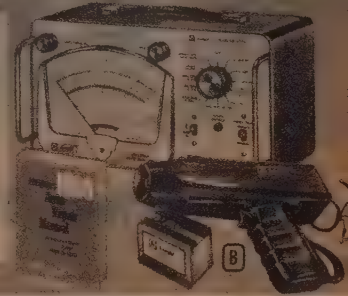


Top-Performance Kit Outfit

Save $14.00

$94.80

$5 monthly

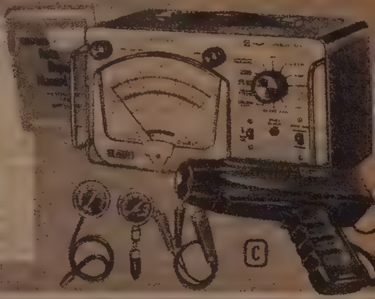


6-Piece Repair Kit Outfit

Save $12.17

$75.50

$5 monthly

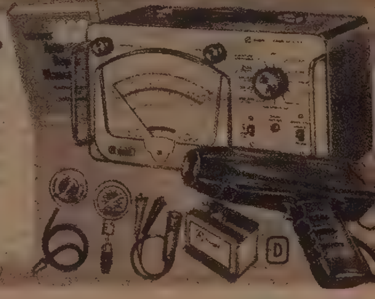


Finest 7-Piece Kit Outfit

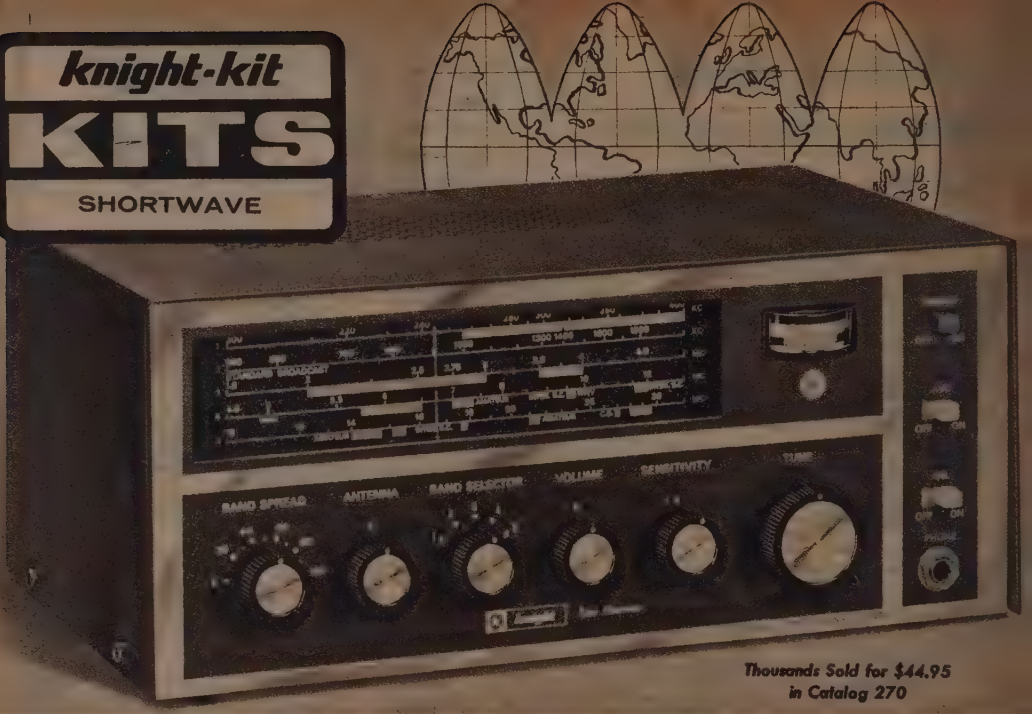
Save $16.67

$99.95

$5 monthly



knight-kit
KITS
SHORTWAVE



Thousands Sold for $44.95 in Catalog 270

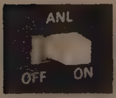
Star Roamer® 5-Band Shortwave Receiver Kit

New Low Price
$39.95
$5 monthly

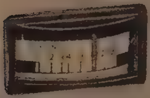
- Covers 200-400 kHz, 550 kHz to 30 MHz in 5 Bands
- Superhet Circuit Features Controlled-Regenerative IF Amplifier for Extra Selectivity
- Electronic Bandspread for Easy Shortwave Tuning

FIVE BANDSWITCHED TUNING RANGES

Longwave Band	200 to 400 kHz
AM Broadcast Band	550 to 1800 kHz
1st Shortwave Band	1.8 to 4.8 MHz
2nd Shortwave Band	4.8 to 12 MHz
3rd Shortwave Band	12 to 30 MHz



Switchable ANL



Illuminated "S" Meter

Switchable AVC

Treat yourself to fascinating listening from the capitals of the world! Tune-in the famous cities of Europe, Asia, Africa, North and South America. Hear ship-to-shore signals; set your watch or clock to the exact time given by U.S. government's station WWV in Colorado; get aviation weather reports; tune-in on Coast Guard Loran signals. Listen to Hams, Citizens Banders, Radio-Telephoners—all this *plus* your favorite AM radio programs.

Offers wide coverage of these exciting bands: 200 to 400 kHz Longwave; 550 to 1800 kHz AM Band; 1.8 to 4.8 MHz; 4.8 to 12 MHz, and 12 to 30 MHz Shortwave Bands. 5 bandswitched ranges; electronic bandspread control separates crowded bands for best station reception. Illuminated signal-strength meter shows strongest signal for correct tuning. IF sensitivity control helps pick up distant stations and develops beat note for code reception and practice. AVC assures even volume when receiving signals of widely different strengths. Automatic Noise Limiter (ANL) cuts static for clear, crisp reception. Antenna trimmer peaks incoming signals. Built-in 4" speaker provides fine sound—front-panel headphone jack allows you to listen with dual headset (below) without disturbing others. Illuminated 7½" slide-rule dial. Code key jack for code practice.

The Star Roamer also boasts Knight-Kit's famous ease of assembly—it's an ideal choice for novice kit builders. Includes all parts, with precut, stripped and tinned wire; non-technical instructions with step-by-step assembly procedures and easy-to-follow oversize wiring diagrams. Handsome charcoal gray cabinet, with neatly designed aluminum front panel. Looks smart anywhere. 5½x12¼x8". Optional accessories below. For 110-130 volts, 60 Hz AC. From Japan. Shpg. wt. 12 lbs.

22 C 3102 X. *$5 Monthly*..............39.95

STAR ROAMER ACCESSORIES

22 C 3099 X. Antenna Kit for Outdoor or Attic. Shpg. wt., 1 lb.	1.39
22 C 3257 X. Dual Headset with Cord and Plug. Shpg. wt., 1 lb.	2.50
17 C 6656. Code Practice Key. Shpg. wt., 1 lb.	2.35

Star Roamer Outfits

MONEY-SAVING SHORTWAVE-BROADCAST RECEIVER KIT PACKAGES FOR EXCITING WORLD-WIDE RADIO LISTENING

knight-kit
KITS
SHORTWAVE

Star Roamer Kit, Antenna Kit, Dual Headset, Code Key, 4 Books

Star Roamer Kit, Antenna Kit, Dual Headset, 84-Page Book

Introduction to Amateur Radio Kit Outfit

$44.95
$5 monthly

- Includes 4 Informative ARRL Books
- Practice Code Sending with Code Key
- Dual Headset for Private Listening

Complete 8-piece outfit offers an exciting introduction to the fascinating hobby of Amateur Radio. You learn by listening to the Hams themselves! Star Roamer covers 160 through 10-meter Ham Bands. Learn Morse code by listening "on the air"—then practice it using the code key through the rear panel jack on the receiver. Outfit includes: **Star Roamer Receiver Kit; Antenna Kit; Dual Headset; Code Practice Key; 4-Book ARRL Set "Gateway to Amateur Radio"—Titles: How to Become a Radio Amateur; Learning the Radio-Telegraph Code; Operating An Amateur Radio Station; Radio Amateur's License Manual.** Radio Amateur books are clearly written in non-technical language. Star Roamer kit includes all parts, easy-to-follow step-by-step assembly instructions. 110-130 VAC. *Save $3.24.*

22 C 0269 L5X. Shpg. wt., 16 lbs. *$5 Monthly*........44.95

Shortwave Listening Kit Outfit

$43.95
$5 monthly

- Guidebook Lists Stations Everywhere
- Antenna Kit for Long-Range Reception
- Dual Headset for Private Listening

Quality 4-piece outfit offers everything needed for exciting shortwave listening. Big 84-page guidebook provides frequency listings of shortwave broadcast stations all over the world, including type of broadcast (music, news, commentary, etc), time schedules, plus useful and interesting information about the hows and whys of shortwave broadcast stations. Antenna kit includes everything necessary for outstanding reception of all available stations. Outfit includes: **Star Roamer Receiver Kit; Antenna Kit with 50′ Wire, 25′ Lead-In, Standoff, Clamp, Insulators; Dual Headset with Cord and Phone Plug; 84-Page Book, "How to Listen to the World."** Dual headset allows private listening—lets you have all the volume you want without disturbing others. 110-130 VAC. *Save $3.39.*

22 C 0268 L4X. Shpg. wt., 15 lbs. *$5 Monthly*........43.95

Deluxe Shortwave Listening Kit Outfit

$52.95
$5 monthly

- 12″ Globe with 10-Color Political Map
- Antenna Kit for Long-Range Reception
- Dual Headset for Private Listening

Perfect for students and beginning electronics hobbyists. Includes: **Star Roamer Receiver Kit; Antenna Kit with 50′ Wire, 25′ Lead-In, Standoff, Clamp, Insulators; Dual Headset with Cord and Phone Plug; 84-page Book, "How to Listen to the World." 12″ World Globe.** Globe adds a new dimension to your shortwave listening—gives you a good idea where broadcasts originate. Has raised-relief surface; thoroughly detailed 10-color political map; thousands of place names in easy-to-read type. With exciting 32-page "Story of the Globe" booklet. Satin-gold finish base and meridian. Star Roamer for 110-130 VAC. *Save $4.34.*

22 C 0178 L5X. Shpg. wt., 21 lbs. *$5 Monthly*........52.95

22 C 9502 X. Twelve-inch World Globe Alone. 5 lbs........9.95

knight-kit

KITS

VHF RECEIVERS

Hear Exciting Communications With VHF-FM Monitor Receiver Kits

MODEL KG-221A
FM MONITOR RECEIVER
MC

KG-221A for 152-174 MHz	KG-220 for 30-50 MHz
$\$49^{95}$	$\$44^{95}$
$5 monthly	$5 monthly

FREQUENCY ALLOCATIONS

KG-221A (152-174 MHz). Police, fire, CD, forestry, conservation, utilities, Weather Bureau, railroads, taxis, trucks, private mobile telephone.

KG-220 (30-50 MHz). Police, fire, CD, forestry, conservation, utilities, industrial highway maintenance crews and control points, radio paging services, private mobile telephone.

Frequency allocations may differ in your area. Check with authorities to determine specific frequencies used by the various services operating in your community.

KG-221A 152-174 MHz VHF-FM Receiver Kit

Pulls in emergency and other communications. Monitor police calls, fire alarms, civil defense, Weather Bureau, taxis, private mobile radio-telephones in your area. Features RF stage for high sensitivity. Front-end is fully assembled and aligned. Deluxe circuit has two IF stages with ratio detector for top-notch selectivity. Solid-state all-electronic squelch with front-panel control silences receiver between calls. Velvet-smooth vernier tuning. One-watt output circuit and built-in 3x5″ speaker for room-filling sound. Front-panel switch selects speaker for headphone reception. Pilot light; volume control; screw terminals for antenna connection. Transformer power supply. Blue metal case, 5⅞x11¼x5⅞″. Charcoal gray and silver panel. With step-by-step instructions. 110-130 V, 60 Hz AC. From Japan. Shpg. wt., 10 lbs.
22 C 3452 X. *$5 Monthly*......49.95

KG-220 30-50 MHz VHF-FM Receiver Kit. Similar to KG-221A, but for 30-50 MHz and without RF stage. Monitors many of same services; information at left.
22 C 3311 X. Japan. Shpg. wt., 10 lbs. *$5 Monthly*......44.95

KG-221A AND KG-220 SPECIFICATIONS

FM Tuning Range: KG-221A, 152 to 174 MHz; KG-220, 30-50 MHz. *Bandwidth:* 100 kHz at 6 dB down. *Sensitivity:* KG-221A, 6 μV ±5 kHz deviation, KG-220, 10 μV at ±5 kHz deviation. *Squelch:* solid-state, with variable front-panel control. *Squelch Sensitivity:* opens for signals as small as 5 μV. *IF Frequency:* 10.7 MHz. *Number of IF Amplification Stages:* 2. *Active Elements:* 5 vacuum tubes plus transistor for equivalent 8-tube performance; silicon diode rectifier in power supply. *Antenna Impedance:* 50 to 75 ohms. *Power Consumption:* 30 watts, normal.

KG-221A Outfit

Save $5.00

$\$57^{85}$

$5 monthly

Complete VHF-FM Receiver Outfits

Separately, $62.85. **KG-221A Receiver Outfit:** KG-221A Monitor Receiver Kit; Hy-Gain SPG-2 144-174 MHz ¼-wave Ground Plane Antenna, for best reception with the KG-221A receiver. 14′ high. With mtg. clamp for masts up to 1⅝″ dia.; 50′ of RG-8/U Coaxial Cable. For lead-in to receiver from antenna. Shpg. wt., 14 lbs.
22 C 0653 L3X. *$5 Monthly*......57.85

Separately, $65.40. **KG-220 Receiver Outfit:** KG-220 Monitor Receiver Kit; Hy-Gain GP-50 30-50 MHz ¼-Wave Ground Plane Antenna, for best reception with the KG-220. 14′ high. Mtg. clamp; 50′ RG-8/U Coaxial Cable.
22 C 0519 L3X. Shpg. wt., 18 lbs. *$5 Monthly*.....60.40

KG-220 Outfit

Save $5.00

$\$60^{40}$

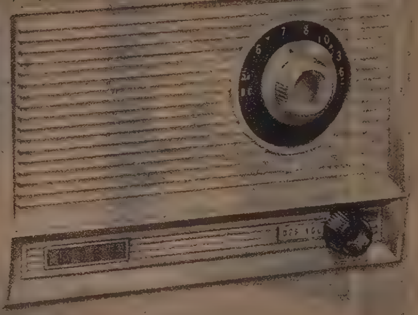
$5 monthly

SELECTED VALUES

KITS

RADIOS

ELECTRO KITS
Model RX-12
VOLUME
PHONES
B F O
SELECTOR



3-Band AM/Marine/ SW Receiver Kit

Build your own superhet radio for AM broadcast, 1.5-4.5 MHz marine and 4-12 MHz shortwave. Hear foreign broadcasts, Hams, marine calls.

Low-Cost AM Table Radio Kit

Fun-to-build radio is excellent for the beginner and the student of electronics. Learn superhet theory as you build.

Band AM/Marine/Shortwave Receiver Kit ffers You Fascinating Audio Adventures

$24.95

$5 monthly

- Sensitive Superhet Circuit
- Calibrated Vernier Dial
- Beat Frequency Oscillator
- Front Panel Headphone Jack

am the world and hear the voices from distant lands on e shortwave band. Hear ship-to-shore signals and zero-in Coast Guard signals and weather reports on the marine nd. Or, just enjoy fine listening on the AM band. Your ssport to audio adventure is this 3-Band Marine/Shortwve/AM Receiving Kit. Assemble it yourself and enjoy urs of listening pleasure.

vers 1.5 to 4.5 MHz marine band; 4 to 12 MHz shortve band; and 540 to 1650 kHz AM band. Sensitive perhet circuit pulls in plenty of stations. Calibrated rnier dial for precise station selection. Beat frequency cillator provides reception of Amateur code.

ont panel headphone jack for private listening. Prenched steel chassis; black crackle finish steel cabinet, 9½x5¾". Four tubes, plus rectifier. With complete ep-by-step assembly instructions. Fused. For 110 volts, /DC. From Japan. Shpg. wt., 6 lbs.

C 9508 X. *$5 Monthly*........................24.95

SPECIFICATIONS

nds: AM Broadcast, 540-1650 kHz; Marine, 1.5-4.5 MHz; Shortwave, 4-12 MHz.

Frequency: 455 kHz *Speaker:* PM type

adphone Output: Low impedance

tenna Input: 300 ohms

be Complement: 12BEA6, 12BA6, 12AV6, 35C5; 35W4

wer Requirements: 110 volts, AC/DC

Build Your Own Full-Feature Superhet AM Table Radio

$9.95

Value Plus

- Sensitive Superhet Circuit
- AVC Circuit for Steady Volume
- All Parts, Hookup Wire, Solder
- Handsome Ivory Plastic Case

Discover the fun of kit-building with this AM table radio kit. Experience the thrill of hearing music, sports, news on a superhet AM radio you have assembled yourself. Low-priced, educational and instructive, this AM radio kit is ideal for beginning hobbyists and electronics students. Brings you all your favorite programs on the standard 540-1600 kHz AM radio broadcast band.

It provides you with a good working knowledge of popular superheterodyne-type radio circuits. Has AVC circuit for constant volume, even when receiving stations of widely different signal strengths. Has ferrite-core antenna to increase sensitivity.

Four tubes, plus rectifier. Handsome ivory plastic case blends well with any decor. 5¼x7¾x4". Detailed student manual has step-by-step assembly instructions and illustrations. With all parts, solder, hookup wire. For 110-V, AC/DC. From Japan. Shpg. wt., 3 lbs.

22 C 9524........................9.95

SPECIFICATIONS

Tuning Range: 540-1600 kHz *Circuit:* Superhet

IF Frequency: 455 kHz *Speaker:* PM type

Antenna: Built-in ferrite-core type

Tubes: 12BE6 converter, 12BA6 IF amplifier, 12AV6 detector-1st audio, 50C5 power tube; 35W4 rectifier

Power Requirements: 110 volts, AC/DC

knight-kit

KITS

ELECTRONIC LAB

knight
100-in-1 Electronic Laboratory Kit
METER
TUNING
SPEAKER
CONTROL
KEY
A PRODUCT OF ALLIED RADIO CORPORATION

Includes .
Dual Head
Photocell
Speaker
Meter
Antenna
Transistors
and Detail
Instructions

$29⁹⁵ $5 monthly

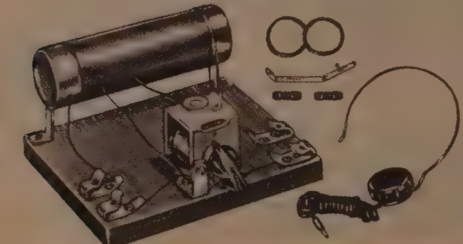
100-in-1 Electronic Science Lab Kit Makes Basic Electronics Study Fun for the Whole Family

Introduce yourself to the wonderful world of electronics with this deluxe 100-in-1 lab kit. Informative, educational, instructive—fun for the whole family. Create exciting, practical projects—build a crystal set radio, code buzzer, transistor radio, audio amplifier, many others—more than one-hundred exciting projects.

No soldering is required—the only tool you'll need is a screwdriver. Assembly and disassembly take just minutes. Once the main parts are mounted on the Master Control panel, all you do to change circuits is rearrange a few wires and parts. Strong, spring-type connectors hold all wires and components firmly in place.

Kit includes all parts for instructive projects—solar-ty photocell, meter, tube and transistors, power transform dual headset, speaker and antenna. Power transform isolates AC line for safe operation. Dual headset for priv listening with radios and other projects. "S" type me for accurate readings on meter experiments.

Informative 156-page instruction manual has detailed st by-step instructions and full illustrations for each proje plus sections on basic electronic principles and how to re schematic diagrams. Lab kit, 8x14½x8". For 110-130 50-60 Hz AC. Shpg. wt., 8 lbs. From Japan.
22 C 3997 X. *$5 Monthly*........................29.



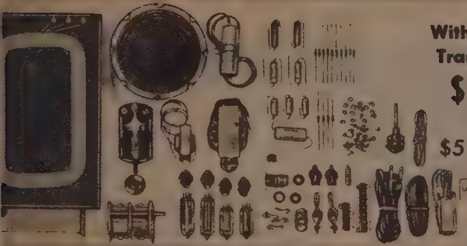
$4⁹⁵

With Fixed Crystal, Antenna, Headphone

Knight-Kit Crystal Radio Outfit

Thousands have started a fascinating electronics hob with this famous crystal set outfit. Receives lo AM radio broadcasts without using batteries or power. Pre-set germanium crystal needs no adju ment. Ball-bearing tuning capacitor for easy stati selection. It's fun to assemble and offers many hou of listening pleasure. With antenna kit for clear ception, single headphone, solder and instructio Shpg. wt., 3½ lbs.
22 C 0024 X........................4.

ONAR "Adventures in Electronics" 10-Project Kit Outfit



With AC Line Transformer

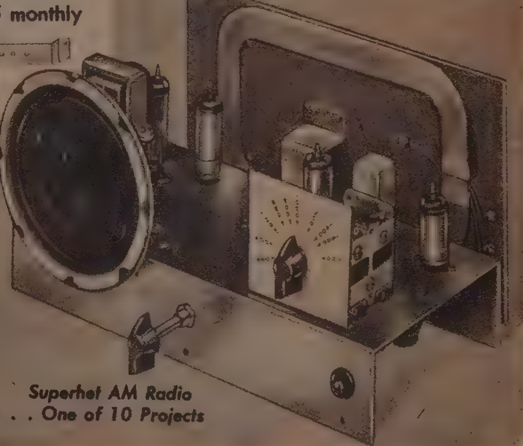
$\$19^{95}$

$5 monthly

NEW AT ALLIED

KITS

ELECTRONIC LABS

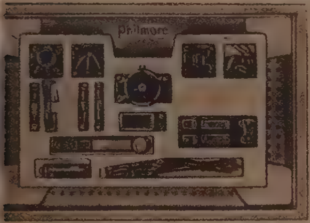


Superhet AM Radio . . One of 10 Projects

Deluxe 10-Project Kit Outfit

:iting educational electronics kit outfit for stu-
its, beginners, or anyone interested in electronics.
s you perform ten interesting and rewarding proj-
s while you study the basic applications of im-
tant electronic principles. Detailed study book
es you through projects increasing in interest
il you reach the final project—an AM broadcast
d superhet receiver. Manual also contains a
ssary of electronic terms for easy reference. Projects
lude: signal tracer, radio broadcast station, "secret
ener," audio oscillator, audio amplifier, metro-
ne, code practice oscillator, theramin, photoelectric
trols, and radio. After mounting basic parts,
ply follow the step-by-step instructions for
embling each project. AC line isolation transformer.
x10½x14". For 110-130 V, 60 Hz AC.
C 9500 X. Shpg. wt., 6 lbs. *$5 Monthly*......19.95

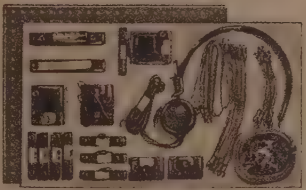
Exciting Fun-Filled Educational Electronics Kits



Philmore 10-in-One Electronics Lab Kit

$\$8^{88}$ **10 Projects, "Solar-Powered"**

ucational electronics kit lets you
ild 10 projects using exciting space-
e transistors and unique "solar cell"
wer. Projects include: germanium
ode radio; 1-transistor radio; ger-
anium diode and 1-transistor radio;
vanced diode and 1-transistor radio;
ounded base detector 1-transistor
dio; grounded-emitter amplifier;
ounded-collector amplifier; radio fre-
ency oscillator; Morse Code prac-
ing set; wireless microphone. Each
oject has detailed step-by-step as-
mbly instructions; and pictorial
agram showing proper placement of
mponents on breadboard. No solder-
g required—projects can be assem-
ed and disassembled many times
er. With all parts and wires. Shpg.
., 2 lbs. From Japan.
C 9518.........................8.88



Superex Lab 18 Electronics Lab Kit

$\$11^{88}$ **18 Projects, Battery-Operated**

Quality electronics lab kit offers 18 exciting projects sure to arouse the interest of students and hobbyists. Build 18 projects like these: diode radio; solar-powered radio; transistor radio; oscillator circuits; light detectors; code practice oscillator circuits; various types of test equipment. Exclusive Superex full-size pictorial diagrams and point-to-point wiring guide make assembly and disassembly a snap. Instructions are clear and easy-to-follow. Parts are mounted on sturdy peg board. Solderless connections complete each project, all you need is a screwdriver. All projects are safe to build, practical, and they really work. Top quality components are used throughout. With all parts and batteries. Shpg. wt., 3 lbs.
22 C 9542 X..................11.88

Superex Lab 35 Deluxe Electronics Lab Kit

$\$21^{88}$ **$5 monthly** **35 Advanced Projects**

For beginners and even advanced students. Offers a thorough grounding in the fascinating world of electronics. Actually a comprehensive electronics lab workshop—takes you through progressively more advanced projects beginning with a simple circuit diode radio and climaxing with an audio-modulated test generator. Actually build: 3-transistor radio; radio broadcast transmitter; solar-powered radio; electronic fire and burglar alarm; driver sleep alarm; test equipment; audio amplifier; much more. No soldering is necessary for assembly. Exclusive Superex full-size pictorial diagrams and easy-to-follow step-by-step assembly instructions make each project easy and fun to build. With batteries. Shpg. wt., 5 lbs.
22 C 9541 X. *$5 Monthly*......21.88

e Allied's Credit Fund to Buy Your Electronics Kits

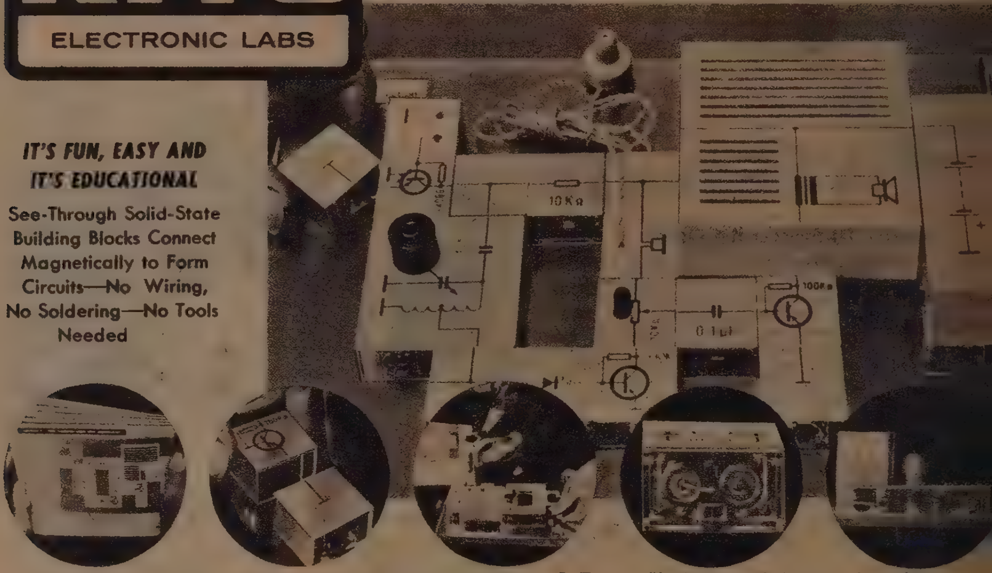
RAYTHEON
KITS
ELECTRONIC LABS

Practical and Educationa

Fascinating New Way to
Study and Enjoy Electronics!

IT'S FUN, EASY AND IT'S EDUCATIONAL

See-Through Solid-State
Building Blocks Connect
Magnetically to Form
Circuits—No Wiring,
No Soldering—No Tools
Needed



Easy-to-Follow Instructions

Easy-to-Handle Lectron Cubes

Hours of Fun For All Ages

Clear Plastic See-Thru Cubes

All Projects Really Work

Series 1 Lectron Cube Kit

$9.95 12 Exciting Projects

Delightful new way to learn the principles of electronics. Plastic see-through cubes each contain an electronic component, with its schematic symbol etched on the top. Simply connect the cubes together on the ground plate, matching the symbols with the diagrams in the instruction book! Cubes connect magnetically—no wiring, soldering or tools needed. Build an instant flashlight; audio and Morse code trainer; convert AC to DC current; use water as conductor and insulator; much more—12 experiments in all. 12 cubes, instructions. Order battery at right.

22 C 9590 X. Wt., 2 lbs. 9.95

Series 2 Lectron Cube Kit

$18.95 22 Projects . . Series 1—Plus 10 Others

More detailed Lectron cube kit offers 22 fascinating projects. You get all the projects and experiments in Series 1 plus 10 others including: two-transistor radio; electronic organ; sound amplifier; audio or visual Morse Code trainer; electronic rain-moisture indicator; and more. Cubes are fun to use, and make the study of electronics enjoyable. Detailed, 64-page workbook has easy-to-follow schematics for all projects, plus full explanations of circuits. Projects assemble and disassemble easily. 18 cubes. Order battery at right. Shpg. wt., 3½ lbs.

22 C 9591 X. 18.95

Series 3 Lectron Cube Kit

$24.95 27 Projects . . Series 1, 2—Plus 5 Others

Offers hours of practical, educatior enjoyment while you learn the ba principles of electronics. 27 worki projects—all the projects in Series and Series 2; plus: 3-transistor rac receiver with speakers; public addre and telephone amplifier; light-mod lated audio electronic circuit; nig light; more. No tools needed—simp connect the blocks together and wat the circuits as they form. All t projects are fun-to-build, and th really work. Kit contains 21 plas cubes. Order 9-volt battery belo Shpg. wt., 4 lbs.

22 C 9592 X. *$5 Monthly*. 24.9

18 C 5980. Battery. 6 oz. . Pkg. of 2/5

UNGAR Soldering Iron

$2.56

27-watt iron with "taper tip" designed for the delicate work in printed circuit assemblies. 7½" long. U.L. Listed. 110-120 V, AC-DC.

22 C 3068 X. Wt., 6 oz. 2.56

22 C 3067 X. Extra 7506 Soldering Tip. Shpg. wt., 2 oz. 1.24

knight-kit 5-Piece Tool Outfit

$5.95 Special Low Price on Top-Quality Kit-Building Tools

Contains everything needed for fast, eas assembly of electronic kits. Includes: Ungar 2 watt soldering gun with "taper tip" for eas P.C. work; 5" diagonal wire cutters and 6½ long-nose pliers; two screwdrivers, 3½x3/32" ar 4x3/16". Pliers are drop-forged from high-grac tool steel and have cushioned grips. Screwdrive have rustproof nickel-plate finish and unbreak ble insulated handles. Soldering gun for 110-12 V, AC or DC. Shpg. wt., 1½ lbs.

22 C 3070 X. 5.9

Quality Electronic Lab Kits

NORELCO
KITS
ELECTRONIC LABS

Model EE20 Solid-State Master Electronics Kit

Build 23 Fun-Filled Projects—No Soldering or Tools Needed

$19.95
$5 monthly

ll-transistor kit makes 23 different proj-
ts—all of which show clearly many of
e basic principles of electronics. Indi-
dual template is provided for each proj-
t, making assembly virtually foolproof.
afe, easy assembly, pegboard parts
ount with no soldering or tools needed.
ake transistor radios, amplifiers, inter-
m, burglar alarm, electronic organ, code
ainer, time switch, rain indicator; much
ore. Detailed 76-page instruction man-
l explains every assembly step in easy-
-understand non-technical language,
d shows exactly how each circuit op-
ates. Projects are easy to take apart for
w projects. Circuits operate on 9-volt
ttery, listed below. 4 lbs.
C 9593 X. *$5 Monthly*.......19.95
C 5102. Battery. (Use 1.) 7 oz.......1.36

DIODE
TRANSISTOR
Norelco
Electronic Educational
ELECTRONICS

21 TRANSISTOR
Norelco
Electronic Educational
Radio Kit

Model RE-2 AM Radio Kit

$17.95 **Build 6 Different Projects Using Only a Screwdriver**

xciting electronics kit. You build six projects: 2-transistor
dio with earphone and cabinet; 3-transistor radio with
eaker; record player amplifier; public address system;
de practice oscillator; and radio direction finder. The
ly tool you use is a screwdriver (supplied), no soldering,
ire cutting, etc. Informative, 24-page 2-color instruction
anual. Order battery below.
C 9594 X. Shpg. wt., 3½ lbs..............17.95
C 5102. 9-Volt Battery. Wt., 7 oz. (Use 1.)......Each 1.36

Model EE1050 Starter Kit

$13.95 **Build Up to 24 Projects with Optional Add-On Kits**

Exciting basic educational electronics kit—build 12 interesting projects using newest silicon planar transistors. Individual templates for each project; simplified instruction manual. Build amplifier, burglar alarm, nightlight, traffic beacon, 8 more. Add-on kits, battery below.

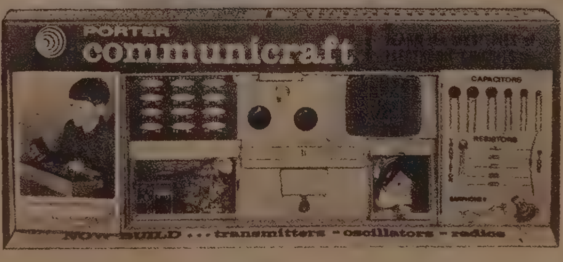
22 C 9595 X. Shpg. wt., 2½ lbs.......................13.95
22 C 9596 X. EE1051 Add-On Kit. 6 more projects. 2 lbs. 7.95
22 C 9597 X. EE1052. Add-On Kit. 6 more projects. 2 lbs..7.95
18 C 5870. 1½-V. Penlight Batteries. (Use 6.) 2 oz. Pkg. 2/20¢

PORTER COMMUNICRAFT Educational Communications Lab Kit

Build 12 Projects As You Explore the World of Sound

$11.95

eluxe communications lab kit introduces you to
e wonderful world of sound. Build radio receiv-
s, code oscillators, code transmitters, and voice
ansmitter—12 projects in all. Kit includes all
cessary components—control panel, resistors,
ansistor and speaker. Informative instruction
anual discusses electronic theory in easy-to-un-
rstand terms and has complete wiring diagrams
simplified assembly. Order battery below. Shpg.
., 3½ lbs.
C 9559 X.......................11.95
C 5862. "D" Battery. (Use 2.) 10 oz. Pkg. of 2/38¢



knight-kit

KITS

KG-225 INTERCOM

Deluxe Solid-State Wireless 2-Channel Intercom System Kit

No Special Wiring Required Between Stations **$37⁹⁰** $5 monthly

SOLID STATE

- No Wiring—Just Plug Into AC Outlets
- Even Talk Between Adjacent Buildings
- Both Are Masters—Both Originate Calls
- Add More Stations as They Are Needed

Model KG-225. Enjoy the convenience of bein able to move your intercom stations from plac to place, without special wiring between unit Just plug each station into any AC wall outle Great for home, office or shop. You can communicate between house and garage or betwee adjacent homes and buildings, as long as the are on the same AC power-line transforme

In addition, the KG-225 offers you highly-developed solid-state circuits for clear soun without noise; compact, streamlined styling Dual frequency (136 and 215 kHz) switch let you operate two separate, independent system (4 or more units) simultaneously. Special volum control won't let volume drop below an audibl level—prevents missed calls.

Locking position on press-to-talk switch fo continuous transmissions. Sea foam green an cream cases, 3¼x8¼x5¾". With all parts, instructions. 110-130 V, 60 Hz AC. Japan.
22 C 0015 L2X. 8 lbs. *$5 Monthly* 37.9
22 C 3309 X. Extra Station. 4 lbs.......Each 19.9

Three-Station Intercom System Kit. Master station —all 3 can originate calls. 12 lbs.
22 C 0016 L3X. *$5 Monthly* 56.8

NEW at ALLIED

Low-Cost 2-Station Intercom Ki

Complete $9⁹⁵

- Master and Remote Stations
- All Solid-State Circuits
- Battery-Powered for Use Anywher
- High-Impact Plastic Cases

Complete System at Lowest Cost . . . Even Includes Battery and Cable

Complete all-transistor 2-station intercom ki at exceptionally low cost. Ideal for baby-minding—sensitive enough to pick up bab sounds in bedroom. Battery-powered—talk between *any* two places in your home: kitchen t dining room or even house to garage. In offic or shop, install on desk or wall.

Easy to operate—just press button to talk release to listen. Volume control is on Master-station. Circuit permits signal to be sent even i switch is in "off" position on Remote-station

Attractive high-impact plastic cases, gold-colo grilles. Compact, only 3x1¾x4". With 9-vol battery, 66-ft. interconnecting wire, plugs. Complete instructions. From Japan.
22 C 9517. Shpg. wt., 2½ lbs...........9.95

2-Range Exposure Meter Kit.. So Sensitive It Reads Moonlight

knight-kit
KITS
KG-275A LIGHTMETER

- Precision Honeywell Taut-Band Meter
- Compares to Costly Assembled Meters
- Easy to Assemble in One Evening

$19.95 $5 monthly

> ". . . A very sensitive CdS-cell meter that checked out well over a wide range of lighting conditions, and provided a lowest useful reading of f/2 and 15 sec. at ASA 400. . . . this kit is an excellent buy."
> POPULAR PHOTOGRAPHY

> "The completed meter we calibrated and then checked against another super sensitive CdS meter. The Knight-Kit meter performed extremely favorably."
> BETTER HOME MOVIE MAKING

SPEED
SPEED
ASA
ASA
EV
METER
knight
BAT
L
H

Model KG-275A. Amazingly sensitive and accurate CdS (Cadmium sulfide) light meter takes the guesswork out of picture-taking. Precision Honeywell Taut-Band meter withstands hard use, yet gives ultra-accurate readings time after time. So sensitive you get accurate readings even from moonlight. Use indoors or out, for color or black-and-white, stills or movies. Reads reflected light or incident light. Easy-to-read, color-coded scales. Pushbuttons select high and low ranges. Built-in battery tester assures constant accuracy and maximum reliability.

The KG-275A is easy to build, in just one evening. Comes complete with mercury batteries, neck cord, instructions.

22 C 3301. Shpg. wt., 1 lb. *$5 Monthly*	19.95
22 C 3186. Deluxe Leather Carrying Case. 6 oz.	3.95
22 C 3069. Soft Leather Carrying Case. 4 oz.	2.50
18 C 5317. Extra Batteries. Uses 2. Wt., 1 oz.	Each 50¢

SPECIFICATIONS

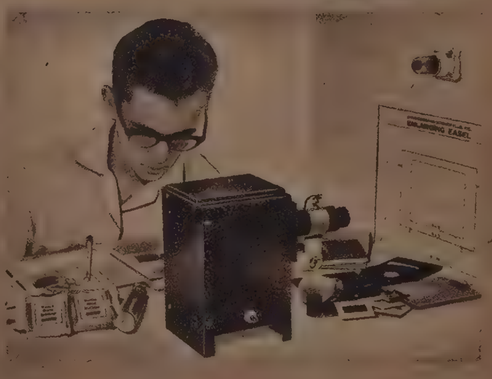
Sensitivity: Low Range, 0.014 to 28 footcandles; High Range, 28 to 28,000 footcandles. *ASA Film Speed Settings:* 6 to 12,000 (1° to 12°). *f/Stop Settings:* 0.5 to 64. *Shutter Settings:* 1/4000 second to 30 minutes. *Cine Settings:* 4 to 128 frames per second. *EV Settings:* −8 to +22. *Optical Acceptance Angle:* 30°. *Color Response:* Peaked at 5600 Angstroms. *Photocell Type:* Cadmium Sulphide. *Overall Size:* 4½x2½x1⅜".

Photography Darkroom Kit with Enlarger

NEW at ALLIED

- Complete Darkroom Equipment
- Develop and Print Your Own Photos
- Includes Quality 35mm Enlarger
- Every Accessory You Need

Complete **$12.95**



Great value for shutterbugs, hobbyists, beginners, candid-cameramen. Money-saving Photography Lab Kit contains everything you need to develop and print your own black-and-white photos with quality comparable to professional labs. Makes it easy and fun to set up your own darkroom.

Features a versatile 35mm Horizontal-Type Enlarger with twin condensing lenses and 3" focal length projection lens. Produces quality enlargements up to 8x10". Contact Print Frame takes negatives up to 3½x4¼", turns out bright and clear standard-size prints.

Darkroom Kit also includes: Three Plastic Developing Trays, Tray Thermometer, Developing Chemicals, Film Clips, Neon Safelight, Printing and Enlarging Paper, Comprehensive Darkroom Handbook and complete instructions for each processing step. Shpg. wt., 4 lbs.

22 C 9522 X.	12.95

knight-kit

KITS

MUSICAL

New! Electronic Organ Kit

Makes Music in 14 Distinct Voices, Usable Singly or in Any Combination

Plays, and Fully Reproduces, Bass Down to 32.7 Hz, Three Octaves Below Middle C

93-Transistor Circuit, 25-Watt rms Sine Wave Output

12" Bass Speaker, 6x9" Treble Speaker, Crossover

Sanded, Walnut-Veneer Console and Bench

Manufactured for Knight-Kit by Schober—The Leader in Electronic Organ Kits

Complete

$599.50 With Bench

$25 monthly

SPECIFICATIONS

Keyboards. *Upper Manual:* 36 notes, F_3 thru E_6. *Lower Manual:* 29 notes, C_3 thru E_5. *Both Manuals:* 41 notes, C_3 thru E_6 (8′ pitches). *Pedal Clavier:* 13 notes, C_1 thru B_1 (16′ pitch).

Voices. *Upper Manual:* diapason, vox humana, string, french horn, oboe, tibia, cello, saxophone, tuba, trumpet. *Lower Manual:* dulciana, diapason, flute, horn.

Controls. 14 colored, illuminated voice selection tablets. Pedal volume, vibrato knobs. Illuminated on-off switch.

Sound Production. *Amplifier:* solid-state. 25-watts rms sine wave power; 39-watts music; 78-watts peak power. Connection for external amplifier and/or speaker system. *Power Requirements:* 100-120 V, 50-60 Hz AC.

Knight-Kit KG-388 Spinet Organ Kit by Schober

For the first time—an electronic organ for popular or church music that's small enough to fit into any room, and priced low enough to fit any budget. Assembly is amazingly simple because 98% of the wiring is on 14 printed circuit boards numbered for easy component placement. Step-by-step, non-technical instructions and giant illustrations included for successful assembly, without prior experience.

Voices are selected by pressing the tablets spread across the organ. They light up when in use, so you can see instantly how the instrument is set up. Built-in spring-type reverberator conquers "dead" acoustics of the usual room, making each note linger gracefully.

The KG-388 is a true spinet organ. Manual ranges overlap, but lower manual goes lower for accompaniment and upper manual goes higher for melody—each keyboard has right pitches for its purpose.

Pedals produce one complete octave starting from three octaves below middle C. Deep, rich vibrato is fully controllable. Expression pedal (swell shoe) gives instant-to-instant volume control.

Console and bench are ready to assemble (screws and glue included), and ready to finish (order oil finishing kit separately below; wood also suitable for other finishing methods). Size, 34x38x22¾". Solder is included, plus the Schober "How to Solder" instruction kit. (All electronic parts must be soldered with iron sold on facing page—*no other soldering iron is satisfactory.*) Assembly time: About 50 hours. Shpd. by truck or express from N.Y. Shpg. wt., 140 lbs.

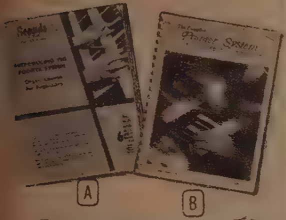
22 C 3329 ZF. Complete Organ Kit. *$25 Monthly*............**599.50**
22 C 9588. Oil Finishing Kit. Shpg. wt., 2 lbs............**4.95**
22 C 9589. Demonstration Record. Shpg. wt., 8 oz............**50¢**

Order the KG-388 Organ Kit Now—Take Up To Two Years To Pay

Electronic Musical Instruments

SCHOBER
KITS
MUSICAL

Pointer System Electronic Organ Books



[A] Organ Instruction Book

"Introducing the Pointer System for the Organ." Note values, signatures, reading, other beginning topics are covered. Includes 20 easy-to-play tunes. With pointer system keyboard and pedal guides, 6 LP records explaining the system.
22 C 9567. 2 lbs. 4.95

[B] 6-in-1 Pointer System Book

Six-books-in-one explain general music theory and organ instruction. Includes basic keyboard information; sharps and flats; basic rhythm; scales; harmony; professional styling. With lesson plans, outlines, and teacher tips.
22 C 9568. 2 lbs. 7.95

Electric Organ Autotuner Kit

$34.00

$5 monthly

Perfect Tuning for Amateurs

Schober
AUTOTUNER

The Autotuner is a stroboscopic device used for fastest and most accurate organ tuning. No natural "ear" or talent is necessary. For Baldwin, Thomas, Lowrey, Wurlitzer, Conn, most combo organs, others. Not necessary for the KG-388 on facing page (tuning method is included). *Assemble with solder and iron below*—no other is satisfactory. 117 VAC.
22 C 9573 X. 4½ lbs. . . .34.00
22 C 9574 X. Assembled. . .48.00

Ungar Soldering Iron

(Not illus.) For use in assembling all electronic kits on these two pages. Ungar #776 handle, #1235 element, #PL333 tip. Use for all PC work. For 110-120 V, 60 Hz AC.
22 C 3166. 1 lb. 3.50

Ersin Multicore Solder

(Not illus.) 1-pound 60/40, No. 16 wire gauge.
26 C 1730. 1¾ lbs. 3.34

Schober
PORTABLE DYNABEAT

Professional Portable Dynabeat Kit

$139.50

$7 monthly

Big-Beat Sounds: Bass Drum . . Snare Drum . . Cymbal . . Wood Blocks . . Bongo Drums . . Tom-Toms . . Castanets . . More!

Dynabeat kit produces all the musical rhythm percussive sounds of today. A must for modern combos! Sounds: bass drum, with real boom; snare drum, both rim shots and roll; cymbal, brushes or high-hat sound; wood blocks, one high and one low; bongo drums, one high and one low; tom-tom, doubles as a conga drum; castanets, with two different sounds. Play them singly or in combinations of two or more at a time, just tap selector buttons in time to the music. Dynabeat plugs into any handy guitar, PA or home amplifier. Console has ten buttons, volume control, illuminated on-off switch. With all parts, amplifier connector cable, instructions. (*Order solder and soldering iron listed below left*—no other soldering equipment is satisfactory.) 6⅜x15¾x6¾". For 100-120 V, 50-60 Hz AC.
22 C 9571 X. Shpg. wt., 6 lbs. *$7 Monthly*. 139.50
22 C 9572 X. Assembled Dynabeat. 6 lbs. *$9 Monthly*. .169.50

Schober TUNESMITH
VOLUME
VOICE
VIBRATO
TUNE

Professional Portable Tunesmith Kit

$149.50

$8 monthly

Plays Single-Note Melodies with Special Vibrato Effects, approximating: Violin . . Cello . . Oboe . . Trumpet . . Organ-Flute . . Saxophone

The Tunesmith is a small carrying case full of melody. Its 32-pitch, one-note-at-a-time keyboard ranges from F below middle C to two octaves above middle C. Controls achieve the instantaneous expression available to any instrumentalist. Vibrato control is continuously variable, from no vibrato (clear, unwavering tone) to the smoothest full vibrato needed (*real vibrato*—a true variation in pitch, not simply a volume change found with most tremolo instruments). Vibrato speed switch. Tuning knob raises or lowers range of entire instrument about ½ tone. Voice selection knob; volume knob. Plays thru any guitar, PA, or home music amplifier. All parts, cloth-covered wood case, 12' amp cable included. (*Order solder and gun sold at left*—no other is satisfactory.) 4⅝x27¼x8⅞". 117 VAC.
22 C 9569 X. Shpg. wt., 14 lbs. *$8 Monthly*. 149.50
22 C 9570 X. Assembled Tunesmith. 14 lbs. *$10 Monthly*.189.50

knight-kit

KITS

HOBBY

Learn Morse Code with a Knight-Kit

LC-1 Code Practice Oscillator Kit

$7⁹⁵

With Hand Key and Battery

LC-1 CODE OSCILLATOR
LIGHT SPEAKER PHONES
OFF
KEY
knight
CODE COURSE

Take the first step toward earning your Amateur Radio license with this portable code practice kit. Makes learning International Morse Code as easy as possible. It's the ideal kit for aspiring Amateurs, Scouts, students, hobbyists. Adjustable hand key gives you the "feel" of on-the-air operation at the very beginning.

You learn fast as you listen to the clear tone from the built-in speaker, or watch the built-in flasher. For private operation, just plug headset (below) into the front-panel jack. Assembly is a breeze, thanks to Knight-Kit's well-illustrated, step-by-step instructions.

Two-transistor circuit uses 1½-volt "C" flashlight battery for power. Black bakelite case, aluminum panel, gray trim. 2x 6¼x3¾". With all parts, solder, key and battery. Japan.

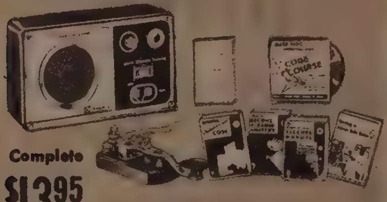
22 C 3432 X. Wt., 2 lbs.	7.95
22 C 3257 X. Headset. Wt., 1 lb.	2.50

$11⁹⁵

LC-1 and Code Course Record

Includes: Knight-Kit LC-1 Code Practice Oscillator Kit, Battery and Key plus Allied's 10-Lesson Code Course, Complete on one 12" 33⅓-rpm Record. Makes code so easy to learn—starts slow, goes to 15 words per minute. 20-page manual.

22 C 0326 L2X. Wt., 3 lbs.	11.95



Complete

$13⁹⁵

LC-1, Code Course and 4 Books

Code practice package includes: Knight-Kit LC-1 Code Practice Oscillator Kit, Battery, Key, 10-Lesson Course on 12" Record, plus Four A.R.R.L. Books. Gives a full introduction to the world of Ham radio. *How to become a Radio Amateur; Learning the Radio-Telegraph Code; Radio Amateur License Manual; Operating An Amateur Radio Station.* Instruction manual.

22 C 0327 L3X. Wt., 4 lbs.	13.95

Photoelectronic Relay Kit

$17⁹⁵

So Sensitive It Responds to Just a Glimmer of Light

Light-controlled switching device turns lights on and off; opens doors; counts; acts as warning alarm. Activated by auto headlights, flashlight, daylight, or Light Source Kit below. Selectable operation; "Trip" gives continuous alarm; "Auto" operates relay each time beam is broken. Sensitive cadmium-selenide photocell; to 600 counts per minute. 4x3x5". Instructions. For 110-130 V, 60 Hz AC. Shpg. wt., 3 lbs.

22 C 3702 X	17.95
Light-Source Kit. Operates to 250'. 22 C 3703 X. Wt., 5 lbs.	9.95
22 C 3007 X. Chime. 2 lbs.	5.95
22 C 3025 X. Counter. 6 oz.	3.20
Mallory Audible Warning Device. 60 C 8985. Wt., 1 lb.	8.75

"Intruder" Alarm

$35⁹⁵

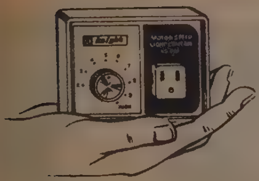
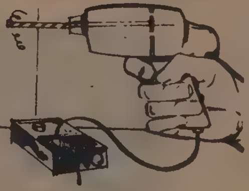
"Intruder" Alarm Outfit

Protects against prowlers; helps keep home, shop or office safe. Consists of: Knight-Kit Photoelectronic Relay Kit, Light-Source Kit with Red Filter, Mallory Sonalert Audible Warning Device. Gives 2.5-kHz warning signal. 9 lbs.

22 C 0529 L3X. *$5 Monthly*	35.95

Performance-Proven Knight-Kits Are Fun to Assemble

Electronic Motor Speed Control Kit

knight
MOTOR SPEED
LIGHT CONTROL
2
3
4
5
6
7
8
9
HIGH

Versatile KG-201 Solid-State Motor Speed/Light Control Kit

$9.95

- Controls Speeds of Portable Power Tools
- Varies Brightness of Incandescent Lamps
- Controls Appliances with Heating Elements
- Fully Protected by Thermal Circuit Breaker

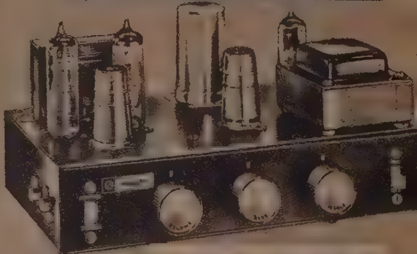
Gives you the right power tool speed for the job, every time. Outperforms many factory assembled controls costing much more. Ideal for sewing machines, blenders, lathes; great for portable drills, saws, sanders, grinders, other tools with universal AC-DC motors. Reduces speed of rotary sander or buffer for better control over fine finishing. Perfect for working on hard materials or in tight corners. Helps you drill through steel, drill plastic without gumming, stir paint, drive screws with ordinary drill. Virtually no loss of torque, even at slowest speeds.

Also usable with soldering iron (not with transformer-type guns) to limit heat for protection of semiconductors and other delicate components. Controls brightness of incandescent lamps and photographic floodlights, too. Also for heating pads, coffee makers, toasters, and appliances with heating elements.

Solid-state circuit uses silicon-controlled rectifier and two diodes. Calibrated control adjusts output. In full "on" position, appliance runs at normal speed. For any universal-wound AC-DC motor-driven device with nameplate rating of 7.5 amps or less. For resistive loads to 900 watts, incandescent lamps to 500 watts. Handles 10-amp surges. (Not for AC-only motors, but works with most DC-only motors.) Fully protected by thermal circuit breaker. Output receptacle and 6-ft. power cord are 3-wire grounded type. Rectifier is pre-mounted on heat sink.

Compact case, only 2⅞x4x1½", fits anywhere. With all parts, solder, detailed easy-to-follow instructions for assembly in a few hours. For 110-130 V, 50-60 Hz AC.
22 C 3335 X. Shpg. wt., 2 lbs. 9.95

knight-kit
KITS
HOBBY



Complete Kit
$22.50 less cover
$5 monthly

Shown with metal cover

KM-15 Monaural Hi-Fi Amplifier Kit with 14-Watt IHF Output

- Equalized Input for Magnetic Cartridge
- Push-Pull Output—Premium EL-84 Tubes
- Separate Bass and Treble Tone Controls

Truly versatile, low-cost amplifier kit is ideal as the "heart" of an inexpensive home music system, or as an "add-on" second channel to convert your present system to quality stereo. Expertly engineered, the KM-15 boasts push-pull output for smooth, clean response over the entire audio range, with hum and noise reduced to the vanishing point. Built-in equalized preamp for use with magnetic phono cartridge. High-level input for tuner or ceramic cartridge. Has 3 operating controls: Volume, Bass, Treble; two switches: Phono-Tuner, On-Off. 5x9½x6". Jet black chassis. Detailed instructions. Optional cover below. For 110-130 V, 60 Hz AC. From Japan. Shpg. wt., 8 lbs.
22 C 3784 X. *$5 Monthly* 22.50

Metal Cover. Gray with chromed trim.
22 C 3783 X. Wt., 2 lbs. 4.50

SPECIFICATIONS

Power Output: 14 watts IHF music power.
Freq. Response: ±1.5 dB, 30-15,000 Hz.
Harmonic Distortion: Less than 1% at 12 watts, at 1 kHz (Tuner input).
Hum and Noise: More than 65 dB below 12 watts, referred to 1-V Tuner input. More than 45 dB, 10 mV phono input.
Sensitivity: 5 mV phono, for 12 watts.
Controls: Bass: 9 dB boost or cut at 40 Hz. Treble: 9 dB boost or cut at 10 kHz.
Output Impedances: 4, 8, and 16 ohms.

SELECTED VALUES

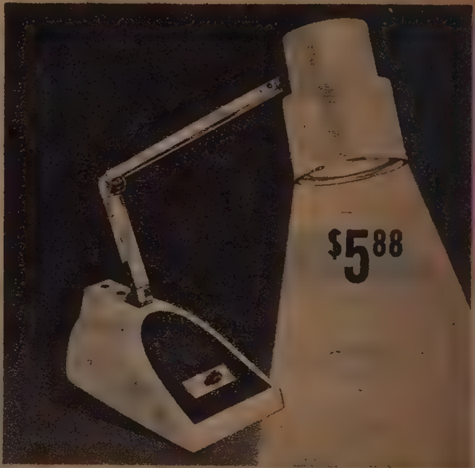
KITS

HOBBY

Top Quality Electronic Kits

EASY-TO-BUILD . . PRACTICAL . . FUN-TO-USE

$6.95



$5.88

Value-Priced Stereo Headphone Kit

Amazing low price for stereo headphones of this quality. Full-fidelity headphone kit reproduces stereo with excellent realism and response. Large earcushions seal out room noises, a real aid when listening to soft musical passages. Provides fully private listening; lets you have all the volume you want without disturbing others. Adjustable headband and padded earcushions for maximum comfort. So light in weight, you hardly know you're wearing them. Response, 20-20,000 Hz. With 6-ft. cord, standard 1/4" phone plug that fits most stereo amplifiers and receivers. With fully detailed assembly instructions. Japan.

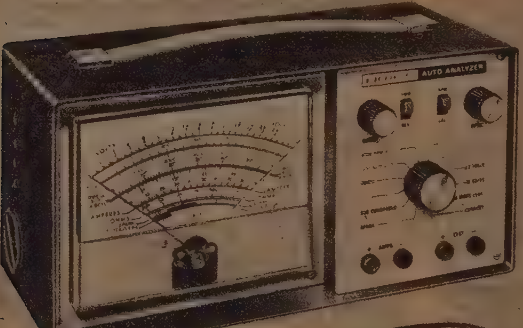
22 C 9550. Shpg. wt., 2 lbs. 6.95

Universal High-Intensity Lamp Kit

Provides bright, clear light when and where you need it—great for studying, doing close work, or just reading. Non-glaring light is equivalent to 150-watt incandescent bulb. Folding arm for compact storage. Hi-Lo-Off switch lets you select just the light you need. Handsome mar-proof wood-grain finish; double shade; deluxe rosewood inlay base for a real decorator's touch. Beige color. With easy-to-follow instructions for fast, easy assembly in just a few hours. With one #93 bulb, order extra bulbs below. For 110-130 V, 60 Hz AC. Shpg. wt., 2 lbs.

22 C 9501 . . . . 5.88

26 C 3147. #93 Replacement Bulbs. 2 oz. . . Pkg. of 2 for 49¢



$49.95 $5 monthly

$28.95 $5 monthly

Eico Solid-State Auto Analyzer Kit

Model 888. Portable solid-state auto analyzer for fast, easy tuneups and troubleshooting. Checks generators, alternators, voltage regulators, alternator diodes, starter, starter solenoid, all electrical wiring, much more—makes over 30 tests. 6" D'Arsonval meter has scales for engine rpm, dwell angle, voltage, current, resistance, spark output and leakage. Single, 12-position function switch; calibrate and adjust controls for engine rpm and ohms. Rugged metal case, 5¾x11½x5". Instruction and "How-to-Use" manual. For 6 or 12-volt systems, 4, 6, 8-cylinder engines. With 4 batteries, test leads, all cables. 6 lbs.

22 C 3650 X. *$5 Monthly* 49.95

18 C 5781. Extra "D" Batteries. 10 oz. Pkg. 2 for 33¢

Delta Computer-Tachometer Kit

Deluxe Computach® engine speed indicator works with any 12-volt ignition system. Has solid-state computer assuring you of 1% full scale accuracy from 0-8000 rpm. Easy-to-read illuminated meter. Features extensive filtering circuit, voltage and temperature stabilization throughout for top performance under all operating conditions. Meter has chrome-plated die-cast housing, 3½" long by 3⅛" diameter. Easy-to-read meter has red set pointer, wide angle sweep, zero parallax. Computer unit is 1¾x2¾x3⅝" deep. All-angle ball and socket mounting. With easy-to-follow step-by-step assembly instructions, all leads, and cables. Shpg. wt., 3 lbs.

22 C 9558. *$5 Monthly* 28.95

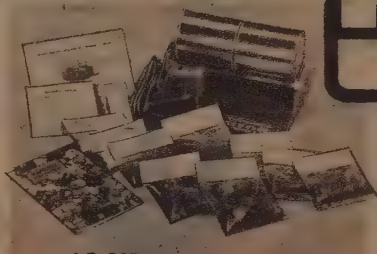
Allied Has Quality Electronic Kits for Every Application

Fascinating Hobby Kits

BRING HOURS OF FUN AND ENJOYMENT

Hummingbird String Decor Kits

Multi-colored 3-dimensional wall panels. Strings connect to white plastic hull and masts on avocado-green fine-weave burlap. No glue, frames or paint needed. (A) Schooner America, 22x15". (B) Running Before the Wind, 15x11". (C) Billowing Spinnaker, 15x11". 4¾ lbs.
22 C 0065 L3X....Set of Three 12.88



$24.95 Rock Polishing Kit

Includes everything needed to put high polish on rocks, agates, etc. 1 rock tumbler; 2 lbs. agates; 2 can liners; 2 pkgs. coarse grit; 2 pkgs. fine grit; 2 pkgs. pre-polish; 2 pkgs. polish grit. Tumbler has motor, belt drive; takes to 1 gallon can. 7x11x8½". 115 VAC. Wt., 13 lbs.
22 C 3651 X. *$5 Monthly*......24.95

$4.95 Eldon "Sculpt-Art" Kit

Sculpt and finish your own designs on styrofoam plaques. Safe, low-heat sculpting tool. Includes: U.L. Listed tool, 2 tips; chisel; fine point; 12x12x¾" styrofoam plaques; 4x4" practice block; paints; brush; full instructions. 25x12½x3". For 110-130 VAC. Shpg. wt., 3 lbs.
22 C 9504 X....................4.95

$4.95 Eldon Woodburning Kit

"Design-A-Matic" woodburning kit with electric pencil and five tips. Match tips to wood blocks for attractive designs. Special wrench removes tips even when hot. Pencil has cork handle, 6-ft. cord. With 11 pieces of wood, instructions. 24⅜x12½x2". 110 VAC. 3 lbs.
22 C 9503 X....................4.95

$3.95 "Sure-Sculpt" Sculpt Kit

Pre-formed armature covers main features of head—you fill in the details with clay. Do likenesses of friends, family. Contains enough self-hardening clay for an average head. Also sculpture tools, tube of patina for bronze effect, full instructions. Wt., 3 lbs.
22 C 9519....................3.95

$19.95 Sculpture Studio Kit

Complete sculpting outfit includes two head armature forms; self hardening clay; clay stone; wood stone; and bronze stone; revolving model stand; tube of patina coloring; eight working tools; full instructions. Permits even novices to create authentic sculptures.
22 C 9516 X. 27 lbs. *$5 Mo.*..19.95

SELECTED VALUES

KITS

HOBBY

knight-kit Wireless FM Microphone Kit

ON
OFF
knight-kit
KG385
FM WIRELESS
MICROPHONE

KG-385 $8.88

- No Larger Than a Pack of Cigarettes
- Works with Standard FM Radio or Tuner
- Solid-State Circuit

New wireless FM microphone kit is a delight to build and use. No larger than a pack of cigarettes—it's actually a pocket-size FM transmitter that permits you to broadcast your voice, music, or any audio signal through an FM radio or tuner. Broadcasts up to 50 feet—no need for interconnecting wires or cable.

Broadcasts at vacant frequency on FM band (90-100 MHz). Dependable transistorized circuit for long life. Can also be used as an intercom—transmit switch can be left on for remote listening; baby sitting; room-to-room use. Has front panel transmit switch. No license or age limitations.

Pre-drilled anodized aluminum case for fast, simplified assembly. Includes all parts, wire, solder. Easy to follow step-by-step assembly instructions, oversize wiring diagrams, illustrations. 3½x2½x1". Order 9-volt battery below.
22 C 9505. Wt., 3 lbs........8.88
18 C 5980. Battery. 6 oz...2 for 59¢

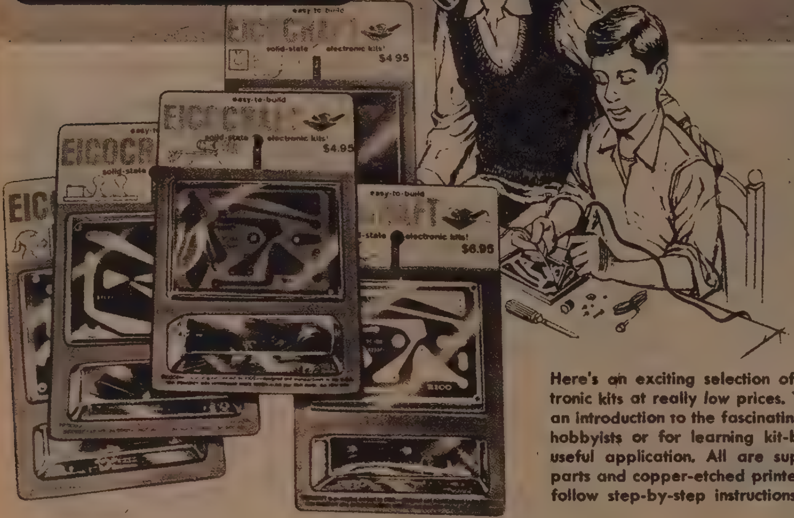
EICO
KITS
HOBBY

Eicocraft Solid-State Kits

Ideal for School Science Fair Projects!

EXCITING NEW CONCEPT IN EASY-TO-BUILD KITS

Low As $4.95



- Solid-State Circuits
- Comprehensive Step-by-Step Instructions
- No Technical Knowledge or Experience Necessary
- Pre-Drilled, Copper-Plated and Etched Printed Circuit Boards

Here's an exciting selection of easy-to-assemble electronic kits at really low prices. These kits are perfect as an introduction to the fascinating field of electronics, for hobbyists or for learning kit-building. Each kit has a useful application. All are supplied with professional parts and copper-etched printed circuit board. Easy-to-follow step-by-step instructions are included.

Electronic Siren Kit

EC100. Emits penetrating, attention-getting wail—ideal for use as a burglar alarm in auto, home or office. Also can be used to create realistic sound effects for scale model cars, etc. Use with A, B, and D listed at right. 5½x8½x1½". Wt., 8 oz.
22 C 9577....................4.95

Electronic Intercom Kit

EC200. Keep in touch anywhere in the home. Ideal for baby-sitting, room-to-room communications. Use with A, two B and two D for basic two-way system. Use one additional B and D for each station; set up as many stations as desired. 5½x8½x1½". 8 oz.
22 C 9578....................5.95

Audio Power Amplifier Kit

EC300. Versatile audio power amplifier has full two-watt output. Takes microphone, phono cartridge, radio, recorder, other high-level inputs. Use 2 for stereo. Also ideal for small PA or hailing system. Use A and B listed at right. 5½x8½x1½". Wt., 8 oz.
22 C 9579....................5.95

Electronic Tremolo Kit

EC500. Gives your amplified musical instrument (bass, guitar, etc.) a professional sound. Sets to desired speed and intensity without disturbing other amplifier wiring. Use with A and C at right, phone jacks (optional). 5½x8½x1½". Shpg. wt., 8 oz.
22 C 9580....................9.95

"Treasure Finder" Kit

EC1900. Beat-frequency metal locator kit can be used to detect coins, pipes any metal objects over a wide area. Audible frequency changes tone in presence of metal. Consists of two RF oscillators and search loop. Use with D and E at right. 5½x8½x1½".
22 C 9581. Shpg. wt.. 8 oz..........9.95

AC Power Supply Kit

EC900. Transformer-operated 6 VDC power supply can be used to convert all Eicocraft kits using 6-volt battery to AC use. Uses full-wave bridge rectifier and high capacity filtering. 110-125 VAC. Requires on-off switch (D) at right. 5½x8½x1½". Wt., 8 oz.
22 C 9582....................8.95

Electronic Organ Kit

EC2000. Produces 8 organ tones by means of a twin-T oscillator and selected potentiometers. Has outputs for "deep," "full," and "bright" tones. Use with Eicocraft EC300 audio amplifier or any other amplifier. Use A and D at right. 5½x8½x1½". 8 oz.
22 C 9583....................9.95

Voice-Operated Switch Kit

EC1300. Audio activated relay amplifier—permits audio remote-control of radio, TV, tape recorder, any remote-operated device. Ideal as voice control, can also be activated by musical instruments, whistles, etc. Use with A at right. 5½x8½x1½". Wt., 8 oz.
22 C 9584....................8.95

FM Radio Kit

EC1400. Covers 88-108 MH FM broadcast band. Can be used with earphone (supplied) for private listening; or as FM tuner with amplifier (EC-300). Use E below. 5½x8½x1½".
22 C 9585. Shpg. wt., 8 oz..........9.95

AM Radio Kit

EC1500. Tunes favorite programs on the AM broadcast band (550-1600 kHz). Use as personal radio (with earphone), or as an AM tuner with EC300 amplifier. Use A or E below. 5½x8½x1½". Wt., 4 oz.
22 C 9586....................8.95

Electronic Bongos Kit

EC1600. Electronically produces exciting percussive sounds of bongos, tom-toms, bass-drum, marimbas, etc. Use with any amplifier or speaker; also requires E below. 5½x8½x1½". 8 oz.
22 C 9587....................7.95

Eicocraft Kit Accessories

A **Type 510S 6-Volt Lantern Battery.** Has binding posts. 1½ lbs.
18 C 5085....................92¢

B **3.2-Ohm Speaker.** Quality 4" speaker for fine sound. 8 oz.
16 C 3476....................1.59

C **Type G361 3PDT Switch.** 3-pole double throw switch. 2 oz.
56 C 5918....................48¢

D **Type G124 SPST Switch.** For on-off control, other uses. 2 oz.
56 C 5034....................32¢

E **Knight 9-Volt Battery.** Top-quality, American made. 6 oz.
18 C 5980..........Pkg. of 2 for 59¢

Solid-State "MOD-U-KITS"

- ✓ Top-Quality Circuit Components for Complete Reliability
- ✓ Simplified Circuits Utilize Color-Coded Semiconductors
- ✓ Fun-to-Use—Demonstrate Important Electronic Principles
- ✓ Full Circuit Diagrams and Easy-to-Follow Instructions
- ✓ Educational, Instructive—Ideal for Students, Hobbyists

BOWMAN
KITS
HOBBY

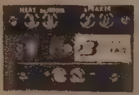
Aircraft Receiver Kit

AIR-3. Covers 100-200 MHz for local VHF aircraft communications. 3-stage super-high-gain amplifier; ferrite RF transformer; telescoping antenna. 3x2x1¼". With earphone. Order 9-volt battery below.
22 C 9537. Shpg. wt., 14 oz. 5.95
18 C 5980. V 9-Battery. 6 oz. . . . Pkg. 2/59¢

Universal 6-10 VDC Power Supply

PS-6F. Assembled, ready-to-use power supply module. Supplies 6 to 10 VDC depending on current drawn. Use with Mod-U-Kits except Mobile Amplifier. Color-coded output leads. 4½x2x1½". For 115 VAC. Shpg. wt., 2 lbs.
22 C 3688. . . . . 7.95

Fire Alarm Kit



FA-2. Two-transistor audio oscillator with special charging circuit for siren effect. Thermostat makes contact when temperature reaches 130° F. Test button. Uses any speaker. 6-V batt. below. 2¾x2x¾".
22 C 9538. Shpg. wt., 14 oz. 4.95
18 C 5085. Battery. Use 1. 1½ lbs. Each 92¢

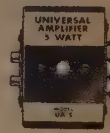
Mobile Power Amplifier Kit

MPA-5. Three-transistor power amplifier produces up to 5 watts power when used with microphone. Powered by 12-VDC auto battery or other 12 VDC source. Has volume, tone control. Power cord fits auto cigarette lighter. 4x3x1⅞". Wt., 1 lb.
22 C 9539. . . . . 8.95

10-Watt Stereo Amplifier Kit

SAV-10. Complete 5-watt per channel stereo amplifier. Has dual volume and tone controls—outputs for 2 speakers—dual input. Imp., 3 to 8 ohms. 4x3x1⅞". Order 6V battery below. Wt., 1½ lbs.
22 C 9540. . . . . 12.95
18 C 5085. Battery. 1½ lbs. . . . . . Each 92¢

5-Watt Monaural Amplifier Kit

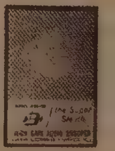


UA-5. General-purpose three-transistor amplifier gives 5 watts music power. Accepts practically any pickup device. Imp., 3-16 ohms. Volume control. Order 1 6-volt battery below. 3x2x1⅛". Wt., 5 oz.
22 C 9531. . . . . 5.95
18 C 5085. 6-V Battery. 1½ lbs. . . Each 92¢

Proximity Switch Kit

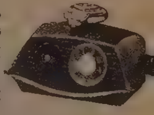
PRS-100. Capacity switch for use as alarm, night-light, etc. Also controls universal motor devices drawing current up to 5 amps. Capacity bridge network, SCR, transistor. For 110-130 V, 60 Hz AC. 4x3x1⅞". Shpg. wt., 8 oz.
22 C 9532. . . . . 6.95

Super Sleuth Kit



SS-100. Three-transistor direct-coupled amplifier. Use as hearing aid or private listening device. With crystal input mike, output earpiece. 3x2x1¼". Order 1.5-volt (AAA) penlight battery below. 5 oz.
22 C 9530. . . . . 5.95
18 C 5080. Battery. Wt., 2 oz. . . Pkg. 2/26¢

Wireless Intercom Kit



WI-2. AM transmitter feeds signal into ground side of 117 V AC line. Signal is tunable—may be picked up at any AC outlet through AC table radio. Order 9-V battery below. 3¼x4⅜x2¼". Wt., 14 oz.
22 C 9543. . . . . 7.95
18 C 5980. Battery. 6 oz. . . . . Pkg. 2/59¢

Light Sentry Kit

ALS-8. Silicon-controlled rectifier circuit and phase shifting network for use as light control or light beam alarm. With photocell, neon bulb. Alarm signal can be picked up through AM radio at high end of band. 4x3x1⅞". 115 VAC. Wt., 1 lb.
22 C 9544. . . . . 9.95

RCA Integrated Circuit 2-in-1 Experimenter's Kit

KD-2112. Integrated circuit kit ideal for experimenters and hobbyists. Gives a good working knowledge of the principles and uses of integrated circuits, plus experience in handling and working with them. Consists of RCA type CA-3020 monolithic silicon integrated circuit and associated components to build two useful and informative projects—a 500-mW audio amplifier and a variable-tone audio oscillator. The audio amplifier circuit may be used as a PA or phonograph amplifier; audio oscillator circuit can be used as code practice oscillator (with code key) or continuous-tone on-off switch. All parts are supplied for each circuit. Order 9-volt battery and 3.2-ohm speaker, below. Informative instruction manual.
22 C 9529. Shpg. wt., 1 lb. 10.98
18 C 5661. Type 2N6 9-Volt Battery. 8 oz. . . . . Each 1.30
16 C 3476. 4" Speaker. Shpg. wt., 1½ lbs. . . . . Each 1.59

$10.98

- Build 500-mW Audio Power Amplifier
- Build Variable-Tone Audio Oscillator
- Informative Manual Covers Construction of Circuits and I/C Theory

INTEGRATED CIRCUIT EXPERIMENTER'S KIT

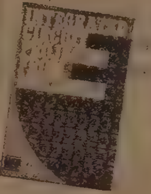
Buy Your Hobby Kits with Allied's Credit Fund Plan

Motorola HEP Semiconductors

COMPLETE DEVICE LINE FOR HOBBYISTS AND EXPERIMENTERS

HEP-408

HEP-400


HEP-407

Top-quality low-cost line of solid-state devices offering a broad variety of circuit designs for hobbyists, experimenters and technicians. When used in conjunction with design books (below)—they provide a wide range of informative, practical circuit designs.

22 C 3797 E. HEP-408. Field Effect Transistor Projects. 96 pages. 5½x8½". Shpg. wt., 5 oz. 1.00

22 C 3798 E. HEP-400. Solid-State Projects from Motorola. 68 pages. 5½x8½". Shpg. wt., 4 oz. . . . . 50¢

22 C 3799 E. HEP-407. Integrated Circuits Projects from Motorola. 96 pages. 5½x8½". Shpg. wt., 5 oz. 1.00

GERMANIUM TRANSISTORS

Stock No.	Type No.	Description	EACH
22 C 3810	HEP-1	PNP RF Type, 100 MHz, 150 mW	.89
22 C 3811	HEP-2	PNP RF Type, 1000 MHz, 300 mW	1.25
22 C 3812	HEP-3	PNP RF Type, 250 MHz, 100 mW	1.25
22 C 3813	HEP-200	PNP Power Type. TO-3, 3 Amps, 90 Watts	.82
22 C 3814	HEP-230	PNP Power Type. TO-3, 5 Amps, 90 Watts	.89
22 C 3815	HEP-231	PNP Power Type. TO-36, 15 Amps, 150 Watts	1.69
22 C 3817	HEP-232	PNP Power Type. TO-3, 7 Amps, 90 Watts	2.34
22 C 3818	HEP-233	PNP Power Type. TO-36. 15 Amps, 170 Watts	4.20
22 C 3819	HEP-234	PNP High-Voltage Power Type. Vertical Deflection Amp, 200 V, 5 A, 56 W.	3.25
22 C 3820	HEP-235	PNP High-Voltage Power Type. Horizontal Deflection Amp., 320 V, 10 A; 56 W.	4.50
22 C 3821	HEP-250	PNP General-Purpose Type Medium gain, 200 mW	.79
22 C 3824	HEP-251	PNP General-Purpose Type. High gain, 200 mW	.89
22 C 3828	HEP-252	PNP General-Purpose Type. Low leakage, 200 mW	.89
22 C 3829	HEP-253	PNP General-Purpose Type. Medium gain, 225 mW	.95
22 C 3830	HEP-254	PNP General-Purpose Type. Medium gain, 225 mW	.89

SCR's—TRIGGERS—TRIACS

Stock No.	Type No.	Description	EACH
22 C 3831	HEP-300	Thyristor (SCR) 50 V, 5 A	2.29
22 C 3832	HEP-302	Thyristor (SCR) 200 V. 5 A	2.69
22 C 3833	HEP-304	Thyristor (SCR) 50 V, 15 A	4.35
22 C 3834	HEP-305	Thyristor (SCR) Reverse Polarity. 50 V. 15 A	4.60
22 C 3844	HEP-306	Thyristor (SCR) 200 V, 15 A	5.90
22 C 3845	HEP-307	Thyristor (SCR) Reverse Polarity. 200 V, 15 A	6.20
22 C 3796	HEP-310	Silicon Unijunction. 30 mW	1.10
22 C 3846	HEP-311	Silicon NPN Bilateral Trigger. 35 V, 2 A	.99
22 C 3847	HEP-320	Thyristor (SCR) 50 V, .8 A	.99
22 C 3848	HEP-340	Triac 200 V, 8 A	4.49

ZENER DIODES

Stock No.	Type No.	Description	EACH
22 C 3849	HEP-101	10 V, 400 mW	.95
22 C 3850	HEP-102	3.6 V, 1 W	1.20
22 C 3851	HEP-103	6.2 V, 1 W	1.20
22 C 3852	HEP-104	9.1 V, 1 W	1.20
22 C 3853	HEP-105	12 V, 1 W	1.20

MOUNTING KITS, ACCESSORIES

Stock No.	Type No.	Description	EACH
22 C 3841	HEP-450	Mounting Kit for Devices in TO-3 Case	.30
22 C 3839	HEP-500	Heat Sink for Devices in TO-3 Case	2.35
22 C 3826	HEP-501	Heat Sink for Devices in TO-36 Case	2.35
22 C 3800	HEP-452	Mounting Kit for Devices in TO-66 Case	.32
22 C 3803	HEP-451	10-Pin Integrated Circuit Socket. Pkg. of 2	1.49

RECTIFIERS AND DIODES

Stock No.	Type No.	Description	EACH
22 C 3854	HEP-134	Germanium diode—substitute for Type 1N34A	.26
22 C 3855	HEP-135	Germanium diode—substitute for Type 1N60	.26

RECTIFIERS AND DIODES (Cont'd)

Stock No.	Type No.	Description	EACH
22 C 3856	HEP-151	Silicon Power Rectifier – stud-type, 50 PIV, 15 A	.79
22 C 3857	HEP-153	Silicon Power Rectifier—stud-type 200 PIV, 15 A	1.24
22 C 3858	HEP-154	Silicon Rectifier—Axial leads, 50 PIV, 1 A	.36
22 C 3859	HEP-156	Silicon Rectifier—Axial leads, 200 PIV, 1 A	.49
22 C 3860	HEP-157	Silicon Rectifier—Axial leads. 400 PIV, 1 A	.56
22 C 3861	HEP-158	Silicon Rectifier—Axial leads, 600 PIV, 1 A	.66
22 C 3862	HEP-159	Silicon Rectifier—Axial leads, 800 PIV, 1 A	.92
22 C 3863	HEP-160	Silicon Rectifier—Axial leads, 1000 PIV, 1 A	1.45
22 C 3864	HEP-161	Silicon "Top Hat" Rectifier—50 PIV, 3 A	1.09
22 C 3865	HEP-162	Silicon "Top Hat" Rectifier 200 PIV, 3 A	1.25

FIELD EFFECT TRANSISTORS

Stock No.	Type No.	Description	EACH
22 C 3795	HEP-801	N-Channel Audio FET	1.59
22 C 3866	HEP-802	N-Channel RF FET	1.59

DUAL DIODES, RECTIFIER BRIDGES

Stock No.	Type No.	Description	EACH
22 C 3867	HEP-165	Silicon Dual Diode with common cathode	.62
22 C 3868	HEP-166	Silicon Dual Diode with common anode	.60
22 C 3869	HEP-175	Full-Wave Bridge Rectifier—50 PIV, 1 A	1.49
22 C 3870	HEP-176	Full-Wave Bridge Rectifier—200 PIV, 1 A	2.05
22 C 3871	HEP-177	Full-Wave Bridge Rectifier—400 PIV, 1 A	2.25
22 C 3872	HEP-178	Full-Wave Bridge Rectifier—600 PIV, 1 A	3.05

SILICON TRANSISTORS

Stock No.	Type No.	Description	EACH
22 C 3875	HEP-50	NPN RF—100 MHz, 300 mW	.79
22 C 3876	HEP-51	PNP RF—50 MHz, 600 mW	1.29
22 C 3877	HEP-52	PNP RF—100 MHz, 300 mW	.95
22 C 3878	HEP-53	NPN RF—50 MHz, 600 mW	1.15
22 C 3879	HEP-54	NPN RF—30 MHz, 310 mW	1.08
22 C 3880	HEP-55	NPN RF—210 MHz, 310 mW	1.20
22 C 3881	HEP-56	NPN (UHF Oscillator)—750 MHz, 310 mW	1.44
22 C 3882	HEP-57	PNP RF—200 MHz, 310 mW	1.20
22 C 3883	HEP-240	NPN Power—TO-66. 300 V, 500 mA, 10 W	2.05
22 C 3884	HEP-241	NPN Power—TO-66, 120 V, 5 A, 40 W	1.79
22 C 3885	HEP-242	PNP Power—TO-5, 40 V, 3 A, 6 W. Comp. to HEP-243	2.40
22 C 3886	HEP-243	NPN Power—TO-5, 40 V, 3 A, 6 W. Comp. to HEP-242	1.79
22 C 3887	HEP-244	NPN Power—Case 77 "Thermopad," 300 V, 50 mA, 25 W	2.15
22 C 3888	HEP-245	NPN Power—Case 77 "Thermopad," 40 V. 3 A, 30 W. Comp. to HEP-246	1.99
22 C 3889	HEP-246	PNP Power—Case 77 "Thermopad," 40 V, 3 A. 30 W. Comp. to HEP-245	2.29
22 C 3890	HEP-247	NPN Power—TO-3, 40 V, 10 A, 150 W. Comp. to HEP-248	2.80
22 C 3891	HEP-248	PNP Power—TO-3, 40 V, 3 A, 150 W. Comp. to HEP-247	6.49

DIGITAL INTEGRATED CIRCUITS

Stock No.	Type No.	Description	EACH
22 C 3791	HEP-553	MECL Half-Adder	1.89
22 C 3792	HEP-554	MECL Bias Driver	1.49
22 C 3793	HEP-556	MECL 3-Input Gate	1.79
22 C 3794	HEP-558	MECL J-K Flip-Flop	2.39
22 C 3892	HEP-570	RTL Quad Gate	2.10
22 C 3893	HEP-571	RTL Dual Buffer	2.10
22 C 3894	HEP-572	RTL Dual J-K Flip-Flop	3.90
22 C 3895	HEP-580	RTL Dual 2-Input Gate	.95
22 C 3896	HEP-581	RTL 4-Input Gate	.95
22 C 3897	HEP-582	RTL Dual Buffer	.99
22 C 3898	HEP-583	RTL J-K Flip-Flop	1.49
22 C 3899	HEP-584	RTL Dual 2-Input Gate	1.89

LINEAR INTEGRATED CIRCUITS

Stock No.	Type No.	Description	EACH
22 C 3873	HEP-590	High-Frequency Amplifier	3.99
22 C 3874	HEP-591	Audio IF Amplifier	3.60
22 C 3837	HEP-592	Dual (Stereo) Preamp	3.25
22 C 3838	HEP-593	1-Watt Power Amplifier	7.95

HEK-1 EXPERIMENTERS KIT

Deluxe I/C experimenters kit—invaluable aid for hobbyists, technicians, designers. Includes 5 Motorola RTL Integrated circuits—4-Input Gate, Dual Buffer, J-K Flip-Flop, two Dual 2-Input Gates. With tips on using I/C's, I/C cross-reference guide, and several practical circuits using the devices included. 8x3½x1$\frac{1}{16}$".
22 C 3801. Wt., 2 oz. 3.95

INFORMATIVE REFERENCE MANUALS

HEP-404. Switching Transistor Handbook. Instructive book covers principles of switching transistors. Detailed theory and explanations. 8x5½". 346 pages. Shpg. wt., 15 oz.
22 C 3805 E. 2.50

HEP-410. Silicon Rectifier Handbook. Covers theory and application of silicon rectifiers. Explains parameters, details operations. 8x5½". 194 pages. Shpg. wt., 9 oz.
22 C 3806 E 1.50

HEP-411. Semiconductor Data Manual. Informative reference source. Explains parameters, covers general theory. 10x 7¾". 1880 pages. Shpg. wt., 4½ lbs.
22 C 3807 E 5.95

HEP CROSS REFERENCE GUIDE

HMA-07. Lists approximately 12,000 semiconductor types replaced by the Motorola HEP semiconductor devices. Indexed by JEDEC and Manufacturer's Type Nos. for easy use. 55 pages. Shpg. wt., 2 oz.
22 C 3808 E. . . . . 25¢

Famous Hubley Authentically Detailed Scale Model Car Kits

mart, decorative models of world-famous cars bring hours of pleasure in uilding—lasting pride in display. All Hubley kits feature detailed die-ast chrome metal parts with high-impact plastic accessories; authentic ubber wheels. All have worm and sector-gear front wheel steering; ift-top hood to show accurate engine and chassis assembly. Easy ssembly with just a screwdriver.

SPECIAL VALUES
KITS
HOBBY CRAFT

Duesenberg Town Car $7.95 A

Packard Roadster $3.95 B

Chevrolet Coupe $3.25 C

Ford Roadster $2.45 D

A Duesenberg SJ Town Car

The prestige car of the 1930's, in a highly detailed 1/18th scale model. Handsome spoked wheels, detailed accessories. Over 150 parts. 12¼" long. Shpg. wt., 3 lbs.
22 C 9563..............7.95

B 1930 Packard Roadster

Authentic reproduction of famous Packard styling—a real favorite of model builders and collectors alike. Over 140 parts, 1/22nd scale. 9½" long. 2 lbs.
22 C 3675..............3.95

C 1932 Chevrolet Coupe

Nostalgia and sentiment in this snappy Chevy sport coupe—a car that had lots of new features for its time. Over 75 parts. 1/20th scale. 8" long. Wt., 2 lbs.
22 C 9565..............3.25

D Model A Ford Roadster

Eye-catching model of this popular 1930's car. Whitewall tires, detailed accessories, famous 4-cylinder engine. Over 35 parts, 1/20th scale, 7½" long.
22 C 3676 1½ lbs.......2.45

E Duesenberg SJ Phaeton

Elegant classic car, with dual-cowl, sweep panel Phaeton body. Authentically detailed; flexible exhaust pipes. Over 150 parts, 1/18th scale, 12¼" long. 3½ lbs.
22 C 9566..............7.95

F Packard Sport Phaeton

Superb road car of the 30's, now in a delightful, streamlined model. Shows famous Packard straight 8 engine. Over 140 parts, 1/22nd scale, 9½" long. Wt., 2 lbs.
22 C 9564..............3.95

G Chevrolet Roadster

Handsome model of popular Chevy roadster—great for kit builders and car buffs. Whitewalls, authentic accessories. Over 75 parts, 1/20th scale. 8" long. 2 lbs.
22 C 3677..............3.25

H Model A Ford Coupe

Finely detailed reproduction of the ever-famous Model A Ford Coupe. Whitewall tires, rumble seat, accessories. Over 35 parts, 1/20th scale, 7½" long. 1½ lbs.
22 C 3678..............2.45

Duesenberg Phaeton $7.95 E

Packard Phaeton $3.95 F

Chevrolet Roadster $3.25 G

Ford Coupe $2.45 H

Car Kit Package—Save $1.20

3 Pieces

Reg. $15.15. Three models—Duesenberg Town Car; Packard Phaeton; Chevy Coupe.
22 C 0302 L3. 7 lbs........Complete 13.95

$13.95

Ford Mustang GT J

"Black Bat" K

"Cutty Sark" Clipper L

M
"Blue Devil" Destroyer

J Renwall Mustang GT

$7.95 *True-to-Life Scale Model*

rovides hours of kit-build-g fun, gives working owledge of famous Mus-ng Fastback GT. Work-g hood, doors, windows, ats, steering. Detailed en-ne, undercarriage, suspen-on. Plastic; chrome trim: 12th scale, 15½" long.
C 9553 X 4 lbs.......7.95

K Lindberg "Black Bat"

$7.95 *Motorized Model*

Accurate model of trophy-winning "hot-rod." 1914 "T" bucket body, 1949 Ford front wheels. Plastic, with brass and chrome-plated parts. 16x8¾x9½". Order two batteries below, 6 lbs.
22 C 9525 X..............7.95
18 C 5865. **Batteries.** Shpg. wt., 6 oz...Pkg. of 2 for 33¢

L Revell Clipper Ship

$11.95 *With Full Sails*

Truly impressive model of 19th Century clipper ship. Full sails; pre-painted hull; ready-to-rig deadeyes and blocks. 20 realistic models of crew members; 26-page historical booklet from the Cutty Sark Society. Plastic. 22x36x5". Wt., 5 lbs.
22 C 9545 X..........11.95

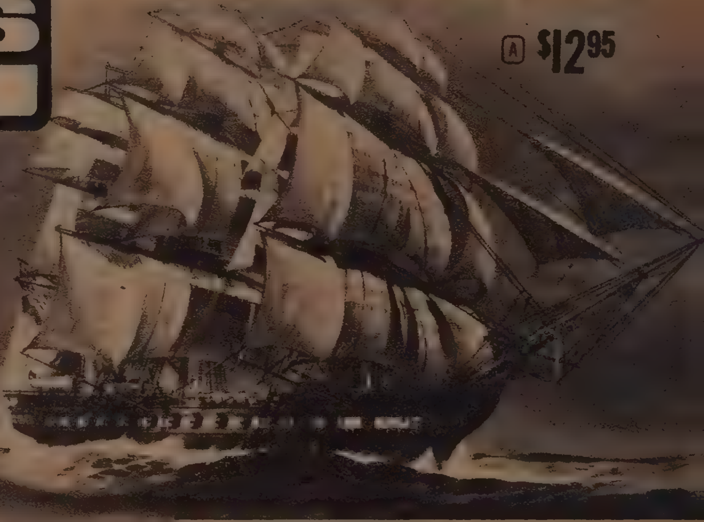
M Lindberg Destroyer Kit

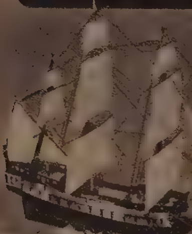
$9.95 *Many Working Mechanisms*

History-making "Blue Devil" destroyer—heroic World War II ship. Gun turrets, torpedo tubes and radar screens move. Motorized. Plastic. 36x8¾x3½". Batteries below. 6 lbs.
22 C 9526 X..............9.95
18 C 5779. **Batteries.** Use 6. Wt., 4 oz...Pkg. of 2 for 33¢

SELECTED VALUES
KITS
HOBBY

Navy, Auto and Air Models . .





"Fires" Polaris Missiles
$3.49
F

A **Revell USS Constitution.** Famous "Eagle of the Sea," now i
a highly accurate model scaled from plans at the Smith
sonian Institution. Has 39 sails, pre-painted 37" hull, 5
guns, 20 crew figures, clear gallery windows. Preformed ra
lines, rigging thread, instructions. Molded plastic in 3 color
1814 Flag sheet, cement. 1/96th scale, 27" high.
22 C 3686 X. Shpg. wt., 4½ lbs. **12.9**

B **Aurora Bon Homme Richard.** John Paul Jones' Flagship in
truly impressive plastic scale model. Fully detailed, wit
pre-formed ratlines, cannons with gun carriages, ship
lanterns. Realistic figures of crew and gunners. With decal
finely scrolled, pre-assembled display stand. 26½" long.
22 C 3683 X. Shpg. wt., 3 lbs. **5.4**

C **Lindberg "Sport Fisherman."** Distinctive plastic model
popular Chris-Craft fishing boat. Fully motorized, ideal fo
radio control. Finely detailed; 29" chrome-plated trollin
booms; one-piece hull; twin-screw propellers, Delrin® bea
ings. 10" beam, 12" high, over 30" long. Batteries below.
22 C 9528 X. Shpg. wt., 7 lbs. *$5 Monthly* **19.9**
18 C 5862. Batteries. (Use 6.) Wt., 4 oz. . . . . **Pkg. of 2 for 38**

D **Pyro Robert E. Lee Mississippi Steam Boat.** Stir memories
days long-gone with this beautifully detailed Mississip
steam boat. Plastic museum-type scale model boasts all th
fine, rich details of the historically famous riverboat. Fu
rigging, flags, and decals. Display stand. 22" long.
22 C 3682 X. Shpg. wt., 3 lbs. **6.9**

E **Aurora USS Enterprise.** Nuclear-powered aircraft carrie
famed fighter of the space-age! Dramatically detailed plasti
replica is copied line for line from Navy blueprints. 34" lon
Order motor kit and batteries below. Authentic decals.
22 C 3684 X. Shpg. wt., 5 lbs. **8.9**
22 C 3685. Motorizing Kit. Shpg. wt., 8 oz. **1.5**
18 C 5779. Batteries. Use 4 with Motor Kit. 5 oz. . . . **Pkg. 2/33**

F **Renwall "George Washington" Polaris-Launching Nuclear Su**
Superb plastic model of America's powerful deterren
weapon. Can be displayed closed to show streamlined hull, o
open to show highly detailed interior arrangement. Actuall
"fires" miniature polaris missiles. 24" long. Over 300 plasti
parts. Shpg. wt., 2 lbs.
22 C 3681 X. **3.4**

G **Lindberg "Blue Devil" Destroyer.** Giant plastic replica of
history-making ship. Minutely detailed with motorize
radar screens, gun turrets, and torpedo tubes. Travels pre-se
patterns. With flags, decals. 36x8¾x3½".
22 C 9526 X. Shpg. wt., 6 lbs. **9.9**
18 C 5862. Batteries. (Use 6.) Shpg. wt., 4 oz. . . **Pkg. of 2 for 38**

See Page 268 for Selected Value Hobby Too

. Fun to Build and Display

SELECTED VALUES

KITS

HOBBY

$8.95
N
M
$17.95
$7.95
P

Monogram Jaguar XKE Model Car Kit. Handsome molded plastic bright red Jaguar XKE Sport Coupe. Features ening and closing doors, crank-operated windows, operating nt suspension, steerable front wheels. Hood opens to show ly detailed engine (with spark plugs and ignition wiring). th scale, overall size, 22x12x6".
C 3673 X. Shpg. wt., 5½ lbs. 10.95

Monogram Corvette Sting Ray. Authentic plastic replica of one of America's popular sport cars. Retractable headlights, erable front wheels, fully detailed engine with famous fuel-ection system. One-piece body and one-piece clear window ert for easy assembly. ⅛th scale, 21x8½x6½".
C 3674 X. Shpg. wt., 6 lbs. 10.95

Tamiya Honda Formula I Racing Car. Large plastic replica of Japan's only Formula 1 racing car. Authentic rubber eels; detailed, streamlined body; exposed engine shows the ghly complex workings of this famous racer. Accurately ows spring-coil suspension system; driver's seat and interior; ctrical wiring. Decals. 1/12th scale, 2¾x5½x13".
C 3680 X. Japan. Shpg. wt., 3 lbs. 9.95

Revell Dog Fighter's Collector Set. Three authentic plastic scale models of famous WW I dog fighters. Red Baron's kker Triplane; Captain Roy Brown's British Sopwith mel; and the French Spad XIII. Models have authentic arkings; all parts, wheels and propellers. 1/28th scale.
C 3687. Shpg. wt., 2 lbs. 4.49

Midwest Nieuport 17 Semi-Scale Model Airplane. Realistic World War I model, for single-channel to five-channel lti radio control. Features formed plastic cowl, molded foam ngs, foam stabilizer, all wires, decals, hardware, wheels, de-iled assembly instructions. 44" wing span; 504 sq. in. area. ss engine (use .15 to .19 cu. in. engines).
C 3679 X. Shpg. wt., 5 lbs. 17.95

Midwest Cessna 150 Semi-Scale Model Airplane. For Galloping Ghost single channel or small-multi. 44" wing span; 4 sq. in. area. Molded foam wing and stab, shock absorbing se gear. Takes .049 engine. Order wheel and hub kit below. pg. wt., 2½ lbs.
C 9511 X. 8.95
C 9507. **Wheel and Hub Kit.** Shpg. wt., 5 oz. 2.95

Midwest Whiz-Kid Semi-Scale Model Airplane. For Galloping Ghost or single-channel trainer. 44" wing-span, 264 . in. area. Molded foam wing and stab—all you build is the elage. Formed, shock-absorbing nose, torque action main ar. Takes .049" engine. Order wheel and hub kit above.
C 9512 X. Shpg. wt., 2½ lbs. 7.95

lied Has All Types of Exciting Hobby Kits.

SELECTED VALUES

KITS

SCIENCE

Educational Science Kit

$11.88

- Build Wind Vane, Barometer, Psychrometer, Rain Gauge
- With Weather Map, Graphs

PORTER WEATHERCRAFT
Power Pack
PORTER WEATHERCRAFT
COMPENSATED BAROMETER
THERMOMETER PSYCHROMETER
TEMPERATURE HUMIDITY
RELATIVE HUMIDITY

Porter Weathercraft Forecasting Kit

Now you can do your own weather forecasting, easily and accurately. Deluxe weather lab kit contains everything necessary for highly accurate weather prediction. Includes: Wind Vane and Anemometer to measure wind direction and speed; Compensated Aneroid Barometer to record changes in atmospheric pressure; complete set of graphs for charting air pressure and temperature; Psychrometer for determination of relative humidity; Rain Gauge for measuri rainfall to 1/100th of an inch. Also has detailed weath map and cloud chart; forecasting manual that shows clear how to make accurate predictions. Packaged in convenie 3-panel metal case. Order batteries below.

22 C 9557 X. Shpg. wt., 6 lbs.............11.8
18 C 5865. "C" Batteries. Use 2. 6 oz.........Pkg. of 2 for 3

WEATHER STATION KIT

$8.88 *Forecasts Weather*

Exciting weather station kit lets you measure wind speed and direction; record relative humidity; check rainfall to 1/100th of an inch. You build 4 professional-type instruments: Remote-reading Anemometer and Wind Vane; Air-Tank Barometer with 4-ft. indicator column; Sling Psychrometer; Rain Gauge with calibrated scale tube. Flashing indicator lights show wind speed and direction on indoor board. Safety power cord limits current—all electrical connections are safe to touch. With all parts, 150-ft. lead-in wire; weather map, cloud chart, full instructions. 115 VAC.

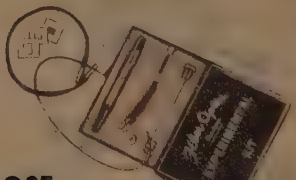
22 C 9514. Wt., 2 lbs...............8.88

$7.95

Atomic Energy Lab Kit

Study nuclear physics with completel *safe* radioactive materials. You get Atomic Cloud Chamber; Spinthar scope; and Electroscope. Track par ticles, measure changes in nuclea structure; test radiation of sample much more. With detailed instructio for all experiments. Wt., 3 lbs.

22 C 9523...................7.9



$19.95

Fiber-Optics Kit

Ideal medium for learning the field of fiber-optics. Contains equipment and materials, detailed procedures for more than 25 experiments. Instructions. Order two AAA alkaline batteries below. 8 oz.

22 C 3665. *$5 Monthly*.........19.95
18 C 5348. Battery. ½ oz......Each 33¢

- Learn Movement of Stars and Planets
- Use Stars for Time, Direction, Position
- Plot Rising and Setting of Sun and Moon
- No Mathematical Computations Needed
- 3-Section Metal Tripod Extends to 46″

Skilcraft Star Finder

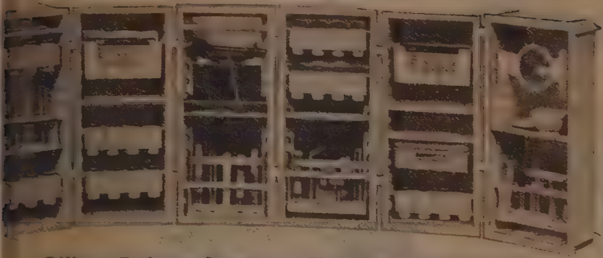
$18.95 With Tripod

Deluxe, scientific star plotting i strument shows you the wonders sky and space! Lets you plot th rising and setting of sun and moo identify star constellations, galaxi and clusters; use stars for tim direction and position. Easy-to-u —no mathematical computation

Includes star chart with detaile manual and instructions. Rugged constructed instrument is on met base, can be mounted on tripod f convenient use. Clearly calibrat scales. With 3-section metal trip that extends to 46″ in height. Shp wt., 5 lbs.

22 C 3664 X.................18.9

Everyone Will Enjoy



Gilbert Deluxe Graduate Chemistry Modulab Kit

$14.95

- File Cards Program Over 700 Experiments
- Six Modular Laboratory Storage Racks

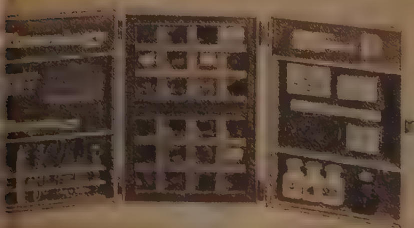
'omplete chemistry lab kit—great for students, hobbyists. Conduct ex-eriments in chemical gardening; analytical testing; thermal chemistry; dvanced chemical "magic"; chromatography; more—over 700 ex-eriments in all! Kit includes: six modular lab storage racks; full com-lement of chemicals and supplies; precise lab scale; mortar and pestle; vdroponic tray; alcohol lamp; test tubes; file cards for experiments. 'ith detailed instructions and operating procedures.
2 C 3670 X. Shpg. wt., 15 lbs..14.95

$19.95

- With 30-45 Power Microscope
- Educator Approved Lab Manual
- Seven Specimens

Porter Biocraft Master Lab Biology Kit

ffers advanced study of the interesting field of biology. Well-equipped b kit includes all-metal 30-45 power microscope with 110 VAC plug-in umination; shrimp hatchery; microtome; dissecting tools. Seven pecimens, including fish, frog, and starfish, for scientific experiments in issecting, examination, etc. 104-page educator-approved biology manual vers many experiments and projects. Packed in 3-panel, rolled-edge etal case. For 115 VAC. Shpg. wt., 7 lbs.
2 C 3667 X. *$6 Monthly*..19.95



$9.95

- Over 24 Mineral Specimens
- Alcohol Lamp with Blow-Torch
- Geologist's Hammer

Porter Deluxe Mineralogy Senior Lab Kit

xcellent mineralogy set for the young geologist. Includes full comple-ent of scientific instruments for determining mineral types; geologist's ammer for unearthing specimens; and magnifier for examining crystalline ructure and particles of various minerals. 24 mineral specimens; cohol lamp with blow-torch attachment; test papers and chemicals; st tube rack; streak plate. Descriptive instruction manual and wall-size entification chart. 3-panel metal case. Shpg. wt., $5\frac{1}{2}$ lbs.
C 3669 X..9.95

SELECTED VALUES
KITS
SCIENCE

$9.95

Gilbert Senior Chemistry Kit

Conduct over 500 fascinating chemical experiments. Includes four lab-type storage racks; over 20 chemicals; alcohol lamp; test tubes; detailed instructions.
22 C 3671 X. Shpg. wt., 5 lbs..........9.95

$6.95

Gilbert Student Chemistry Kit

Quality kit for beginners. Three modular storage racks; chemicals and equipment for over 400 experiments. Alcohol lamp, test tubes, other supplies included.
22 C 3672 X. Shpg. wt., 4 lbs..........6.95

$11.95

Porter Senior Biocraft Kit

Many exciting experiments in both animal and plant kingdoms. 30-45 power microscope with pinion focusing and polished lenses; three specimens; dissecting tools; informative manual. 2-panel metal case.
22 C 3666 X. Shpg. wt., 5 lbs.........11.95

$7.95

Porter Student Mineralogy Kit

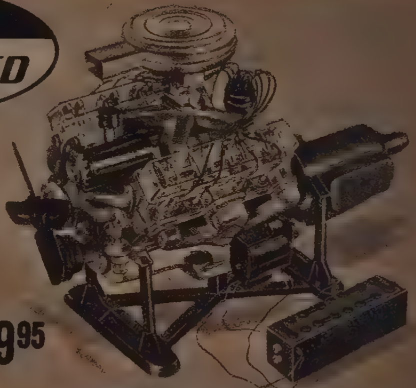
Ideal beginner's mineralogy set. Has magnifier for close examination of specimens; alcohol lamp and blow-torch; test tubes; chemicals; streak plate; 12 specimens; geologist's hammer. Detailed instructions. 2-panel metal case. Shpg. wt., 4 lbs.
22 C 3668 X..............................7.95

SELECTED VALUES
KITS
SCIENCE

Fun-to-Build Educational Kits

NEW at ALLIED

$5.95



$9.95

Monogram Transparent Phantom Mustang Kit

Authentically detailed $\frac{1}{32}$ scale model of this famous WWII fighter plane. Has see-through fuselage and wings to show internal details. Two electric motors provide power for realistic working features—propeller spins, landing gear drops and retracts, bombs drop from wing mounts. Controlled by pushbuttons in mounting base. 144 plastic parts. 19¼x13¼x2¾″. Order batteries below.

22 C 3656 X. Shpg. wt., 2 lbs. 5.95
18 C 5862. "D" Batteries. Uses 2. Wt., 5 oz. . . Pkg. of 2 for 38¢

Renwall Visible V-8 Engine Kit

Gives a good working knowledge of the V-8 engine. Precision molded parts are in four basic colors, includin "clear" so that actually functioning parts—pistons, connector rods, rocker arms and properly timed spark plug can be seen. Includes miniature motor, all necessary meta parts, informative instruction manual. Operates on tw "C" batteries, order below. 14½x10½x7¼″.

22 C 9554 X. Shpg. wt., 5 lbs. 9.9
18 C 5865. Batteries. Wt., 6 oz. . . . . Pkg. of 2 for 33

Collector's Set
American Space Program

Revell Space Program Collector's Set $8.95

Three accurate plastic scale models of the space race! 1/48 scale 20″ Apollo Lunar Spacecraft with five removable sections; in-flight and lunar landing display stands; lunar landing module. 1/24 scale 9½″ Gemini spacecraft with detachable modules; twin astronaut figures; detailed instrument panel. 12″ Gemini Astronaut with official NASA uniform, chest pack, life support package, movable arms and visor, spacecraft "hatch" display base. Paint brush, cement.

22 C 3657 X. Shpg. wt., 4 lbs. 8.95

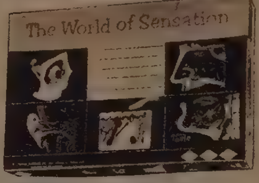
amazing
the VISIBLE HEART
The Beating Heart

Both Kits $5.95

Pumping and Beating Heart Kit

Medically accurate kits show the beating and pumping action o the heart. All parts are precision molded plastic with accurat anatomical shape and coloring. Visible pumping heart kit has re dye solution to show blood circulation. Instructions.

22 C 9598 X. Shpg. wt., 2½ lbs. . . . . Both Kits for 5.9



$8.95 World of Sensation

Five accurately detailed kits show: sense of touch, smell, taste, sight and hearing. All are larger-than-life models—show clearly the nerves and other bodily parts that control sense functions. Precision molded plastic parts. Easy to assemble. Detailed instructions.

22 C 9599 X. Wt., 4 lbs. . . 8.95

FUTURE SCIENTIST SERIES

$5.49 Future Scientist Kit

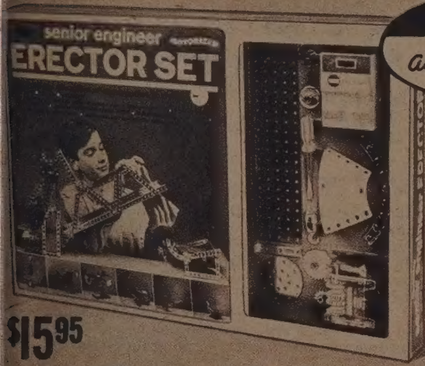
Study the mysteries of science 6-in-1 kit includes fascinatin experiments in: magnetism electro-magnetism; chemistry thermal energy; food chemistry horticulture. 32 interesting experiments in all. With illustrated, easy-to-follow instructions. Wt., 2 lbs.

22 C 9506. . . . . 5.49

Exciting Educational Kits

SELECTED VALUES
KITS
SCIENCE

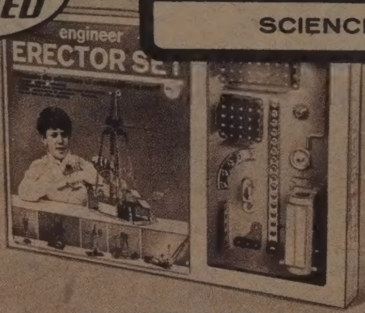
NEW
at ALLIED



$15.95

Gilbert Senior Engineer Erector Set

Complete assortment of steel girders, plates, curved sections, etc. for hundreds of projects. Plans for helicopter, oil rig, lift bridge, shipbuilding crane, more. Power-Matic motor with three take-offs; Power-Matic hoist for powering two different operations with shift control; battery case for start, stop; forward and reverse remote-control. Order batteries below.
22 C 3663 X. Shpg. wt., 8 lbs.......................15.95
18 C 5862. "D" Batteries. Use 2. Wt., 5 oz.. Pkg. of 2 for 38¢



$11.95

Famous Gilbert Engineer Erector Set

Intermediate motorized Erector set builds hundreds of interesting models. Has Power-Matic motor with three take-off shafts, each with different speed and gear ratios. Build lunar surface probe, airplane ride, mobile power driver, much more. Famous Erector nut and bolt constructions; detailed plans. Wide assortment of parts—girders, plates, etc. Order batteries below.
22 C 3662 X. Shpg. wt., 5 lbs.......................11.95
18 C 5862. "D" Batteries. Use 2. Wt., 5 oz.. Pkg. of 2 for 38¢

Norelco ME-1200 Mechanical Kit

- 40 Projects
- 600 Parts

$27.95

Deluxe mechanical kit teaches youngsters the basic laws of physics and energy. Provides over 40 operating projects plus many more special experiments. Lets children see in action the various power sources we use every day. Over 600 parts for experiments with electricity, air and water pressure, gears and gravity. Unbreakable plastic parts are easy to identify and assemble. 136-page manual with easy-to-follow diagrams for simplified assembly. Order one battery below. Wt., 6½ lbs.
22 C 3661 X. *$5 Monthly*.....27.95
18 C 5102. Battery. 8 oz.........1.36

Norelco Mechanical Engineer

NEW
at ALLIED

ELECTRONICS SET
OVER 20 PROJECTS TO BUILD AND ENJOY

$14.95

Deluxe Electronics Set

Build over 20 projects. Has hundreds of parts, 4-transistor amplifier, printed circuit board, variable condenser, manual. Batteries below. 21½x13½x2¼".
22 C 3659 X. Shpg. wt., 3½ lbs....14.95
18 C 5870. Battery. Use 4. 10 oz...Pkg. 2/20¢

MASTER
ELECTRIC
BUILD-IT
SET

TRANSISTOR KIT
TELEPHONE
AMPLIFIER

AUTOMOBILELAB
BUILD A WORKING AUTO CHASSIS
AUTOMOBILELAB

Electric Build-It Set

$8.95

Has two electric motors, working panels, hundreds of parts. Over 30 projects—electromagnet, telegraph, traffic signals, more. Order two batteries below.
22 C 3660 X. 3 lbs....8.95
18 C 5870. Batt. 10 oz. 2/20¢

Telephone Amplifier Kit

$5.49

Make "conference" calls from regular phone calls. Place phone in amplifier unit and everyone can talk and hear. Automatic. Order batteries below (uses 1).
22 C 3658. 1½ lbs...5.49
18 C 5990. Batt. 6 oz...2/59¢

Remco AM Radio Kit

$6.49

AM transistor radio kit with cabinet, headphone, antenna. Tunes 540-1600 kHz. Crystal diode detector; transistor amplifier. Order two batteries below.
22 C 9546 X. 3 lbs....6.49
18 C 5862. Batt. 5 oz. 2/38¢

Remco Auto Lab Kit

$4.99

Accurate replica of auto chassis has operating 3-speed transmission and differential, brakes and steering mechanism. See-through differential shows ring and pinion gears.
22 C 9547 X. 3 lbs....4.99

knight-kit
KITS
STEREO HI-FI

KG-415 Tape Deck Kit, Outfit

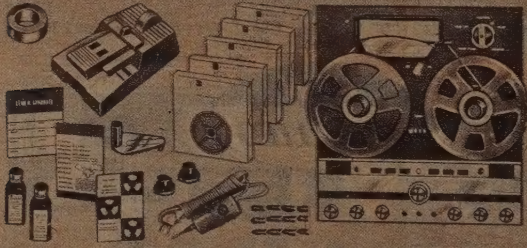
Complete KG-415 "On-Location" Outfit

Save
$9.80

$\$309^{95}$

$15 monthly

Separately, $319.75. Lets you make tapes on-the-spot, then immediately play them back, in stereo, through the headphones. Includes: **KG-415 Tape Deck Kit; Deluxe Portable Carrying Case; Allied H876 Stereo Headphones; two Dynamic Mikes with Desk Stands, Floor Stand Adapters and Lavalier Cord Assemblies. Mikes from Japan. Shpg. wt., 53 lbs.**
22 C 0122 L5U. *$15 Monthly*.......... **309.95**



Deluxe KG-415 Recording Outfit

Save
$6.67

$\$269^{95}$

$14 monthly

Separately, $276.62. For custom installation. **KG-415 Tape Deck Kit; Five 7-in. reels of Recording Tape; Head Demagnetizer; Robins TK-8DLX Accessory Kit with TS-8D "Stereo 4" Splicer, Roll of Splicing Tape, Tape Threader, Head Cleaner, Head Lubricant, Tape Jockey Cloth, Tape Clips, Reel Labels, Reel Holders, Editing and Splicing Booklet. Shpg. wt., 40 lbs.**
22 C 0002 L3U. *$14 Monthly*....... **269.95**

KG-415 Outfit With Two Microphones, Deluxe Walnut Case

Save
$6.85

$\$279^{95}$

$14 monthly

Separately, $286.80. Excellent for table-top. **KG-415 Tape Deck Kit; two KN-4520B Dynamic Mikes with Desk Stands, Floor Stand Adapters and Lavalier Cord Assemblies; Oiled Walnut Wood Case. Mikes from Japan. Wt., 43 lbs.**
22 C 0271 L4U. *$14 Monthly*...................... **279.95**

Stereo Tape Deck Kit Featuring Preassembled Viking Transport

NEW LOW PRICE

$\$249^{95}$ less case

$13 monthly

- **3 Heads Permit Monitori**
  Sound-on-Sound, Echo
- **Headphone Amplifier**
- **Mixing Facilities**

Offers everything you need in a professional 4-tra
stereo tape deck, at a price far below other dec
with comparable performance. Three 4-track hype
bolic heads permit direct tape monitoring, pl
sound-on-sound and echo at a flip of a switch. E
clusive built-in stereo headphone amplifier modu
lets you plug low-impedance headphones direct
into deck for monitoring or on-the-spot listenin
Microphone and auxiliary mixing facilities.

Built-in bias test oscillator. Two record/play V
level meters. Separate solid-state record and pl
preamps. Switch selects left or right channel inc
vidually for monaural recording and playback
both channels together for stereo. Selection is i
dicated in one of six illuminated windows. Flip-
head cover for easy editing and cleaning.

Automatic end-of-reel shutoff. Single-knob
motion control. All you assemble are the solid-s
modular circuits. Preassembled Viking transpor
specially built to Knight-Kit specifications. Op
ates vertically or horizontally. Precision capst
motor with flutter-filter belt drive, separate take
motor. Push-to-reset digital counter for cuing a
indexing. Speeds: 7½ and 3¾ ips. Optional acce
sories below. Shpg. wt., 30 lbs.
22 C 3788 Z. *$13 Monthly*.................. **249.9**

KG-415 SPECIFICATIONS

Overall Record/Play Frequency Response: ±2 dB, 5
18,000 Hz at 7½ ips; ±2 dB, 50-14,000 Hz at 3
ips. *Flutter/Wow:* less than 0.2% rms at 7½ ip
Signal-to-Noise Ratio: 50 dB or better. *Harmon*
Distortion: less than 1.5% at "0" VU. *Fast-Forwa*
Time: 1200 ft. in 60 seconds. *Rewind Time:* 1200 f
in 90 seconds. *Max. Reel Size:* 7 inch. *Solid-Sta*
Modular Circuit: 17 transistors, 6 diodes. *Equaliz*
tion: 7½ ips, NAB; 3¾ ips, EIA. *Input Impedance*
Mike, 3000 ohms; Line, 50,000 ohms. *Input Sens*
tivity: Mike, 1.5 mV for "0" VU; Line, 100 mV f
"0" VU. *Output Impedances:* Playback, 250 ohm
Source, 1000 ohms; Monitor Playback, 250 ohm
Monitor Output: modular amplifier drives low-
stereo headphones. *Bias/Erase Frequency:* 80 kH
1-kHz Test Oscillator: for adjustment of bias an
erase voltages. *Size:* 14½x14x8½" deep behin
panel; 9⅝" depth overall. *Motors:* Capstan mot
with flutter-filter belt drive, plus takeup motor wit
positive braking for 0.2-second starts and stop
Power Requirement: 110-130 V, 60 Hz AC.

KG-415 ACCESSORIES

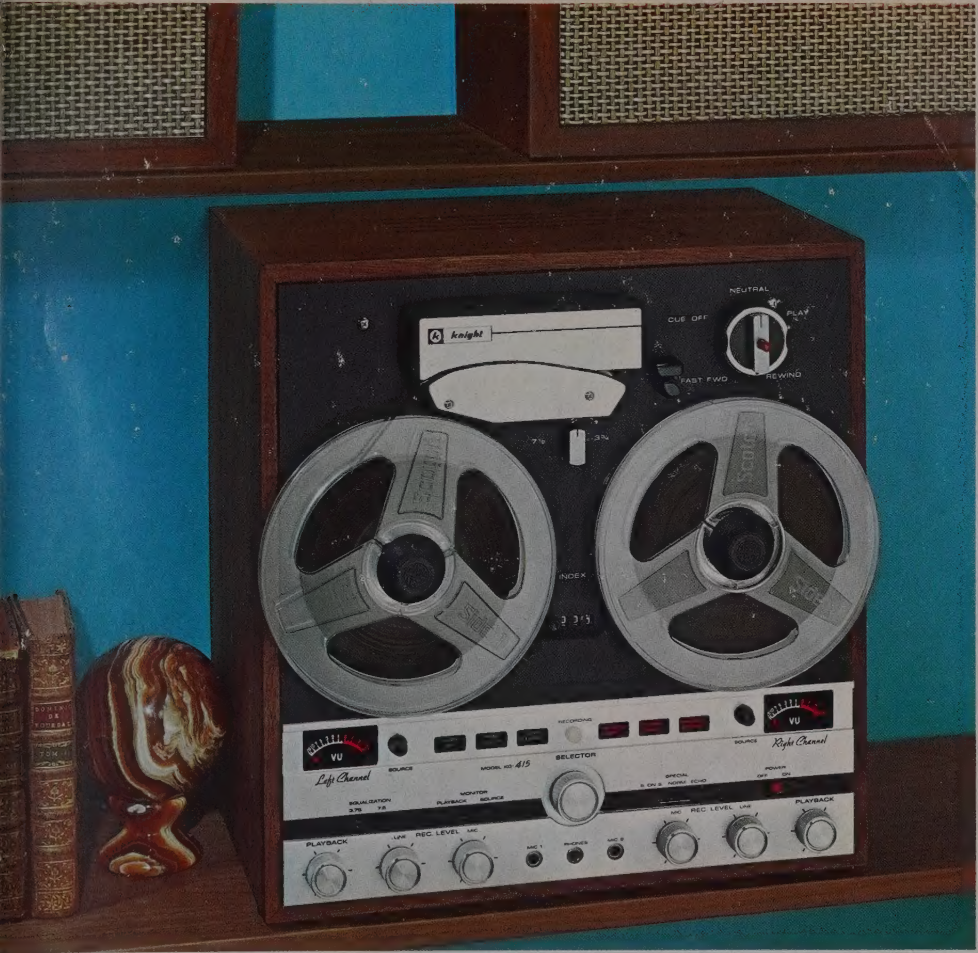
Oiled Walnut Wood Case. Excellent for shelf c
table-top use. Shpg. wt., 9 lbs.
22 C 3003 X. *$5 Monthly*.......................... **16.9**

Portable Carrying Case. Holds KG-415 deck, plus
mikes, tape, takeup reel, cables. Black with alum
num trim. 15⅜x16x11⅞". Shpg. wt., 18 lbs.
22 C 3006 X. *$5 Monthly*.......................... **29.9**

KN-4520B Dynamic Mike. With desk stand, lavalie
mike stand adapter. On/off switch. Use two fo
stereo. From Japan. Shpg. wt., 2 lbs.
22 C 3366 X... **Each 9.9**

Switchcraft 503 Solid-State Mike Preamp. Matches hi
impedance mikes to KG-415. 40K or 2K input, 2
output. 4 to 28 dB gain. With battery. 4 oz.
12 C 7052.. **9.6**

Buy Your Tape Deck and Accessories on Allied's Credit Fund Pla


knight
NEUTRAL
PLAY
CUE OFF
FAST FWD
REWIND
INDEX
RECORDING
VU
Left Channel
Right Channel
SOURCE
MODEL KG-415
SELECTOR
EQUALIZATION
MONITOR
PLAYBACK
SOURCE
SPECIAL
POWER
OFF ON
PLAYBACK
LINE REC. LEVEL MIC.
MIC 1
PHONES
MIC 2
MIC REC. LEVEL LINE
PLAYBACK

rofessional-Quality KG-415 Tape Deck Kit

"Judging by the almost flawless way it records and reproduces sound . . . costs a full third less than it's worth.
POPULAR SCIENCE

"The Knight KG-415 is, without a doubt, one of today's best values in tape recorders."
HI-FI/STEREO REVIEW

CHECK THESE FEATURES

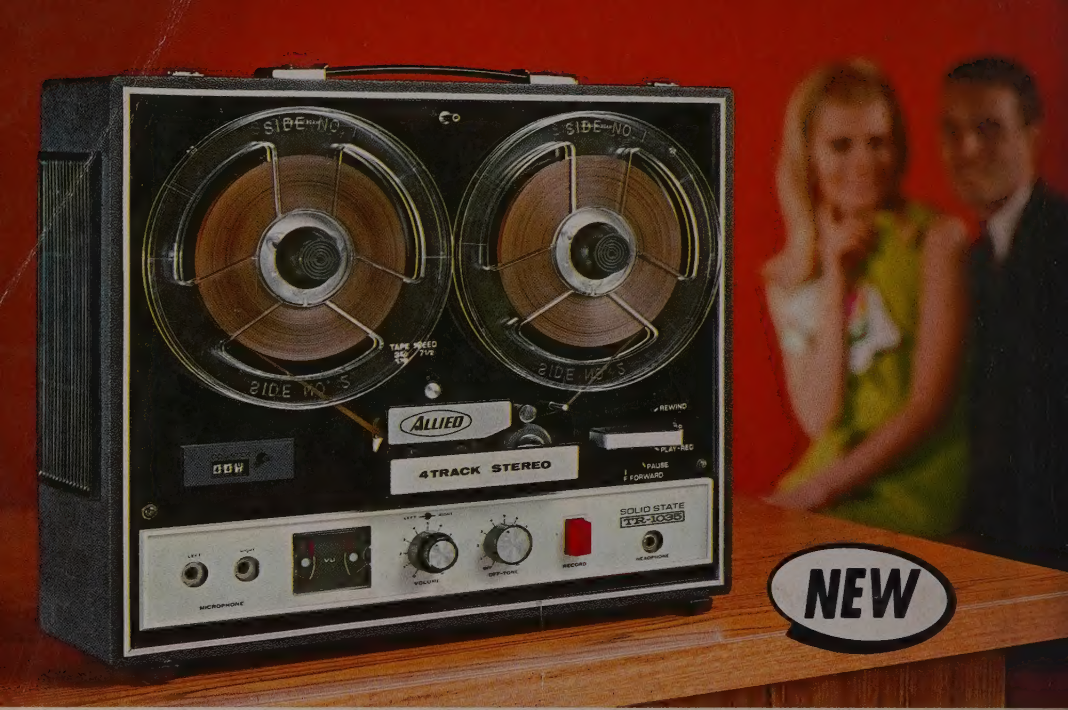
- ✓ **Solid-State Record-Play Preamps**
- ✓ **Three 4-Track Hyperbolic Heads**
- ✓ **Two Record-Play VU Level Meters**
- ✓ **Preassembled Viking Transport**
- ✓ **Push-to-Reset Digital Counter**
- ✓ **Cue Control for Easy Editing**

NEW LOW PRICE **$249.95** less case

$13 monthly

". . . the equal of most recorders selling for $400 to $700 . . . We know of nothing near its price which is comparable to it."
ELECTRONICS WORLD

"The whole KG-415 . . . is an impressive piece of hardware. The instructions are masterful . . a superb value . ."
RADIO-ELECTRONICS



ALLIED

Feature-Packed Solid-State Stereo Tape Recorder with Built-in Speakers

ALLIED TR-1035 Three-Speed Stereo Tape Recorder

$159⁹⁵

$8 monthly

- Stereo Amplifier Delivers Five Watts Output Power
- Automatic Tape Lifters Protect Heads During Rewind
- Includes Separate Volume Control for Each Channel
- Automatic Shutoff
- Can Be Used as a Tape Deck

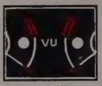
An outstanding value. This new Allied solid-state hi-fi stereo tape recorder is priced far below what you would expect to pay for a recorder of this quality. Records and plays four-track stereo with superb tonal clarity and response. Solid-state stereo amplifier delivers five-watt output to two built-in wide-range speakers. Compact for easy portability. Provides brilliant, true-to-life stereo, as well as wide-range mono. Separate volume and tone control lets you adjust sound to suit room acoustics. Includes preamp outputs for use as tape deck to play through your music system for even greater stereo realism.

Two large, easy-to-read dual-comparison level meters assure you of perfect recordings every time. Other features: single-knob function control with instant stop and push-to-reset digital counter for easy editing; automatic tape lifters to protect heads during fast forward and rewind; automatic shutoff at end of tape; front-panel stereo headphone jack; speaker on-off switch. Handsomely-styled vinyl-covered portable case. With 7″ takeup reel, two mikes, and patch cords for taping direct from radio-TV-phono. From Japan. Shpg. wt., 32 lbs.
15 C 7577 U. $8 *Monthly*.......................................159.95

SPECIFICATIONS

Speeds: 7½, 3¾, 1⅞ ips. *Frequency Response*: 40-15,000 Hz at 7½ ips; 60-10,000 Hz at 3¾ ips. *Flutter and Wow*: less than 0.25% at 7½ ips; 0.3% at 3¾ ips. *Signal-to-Noise Ratio*: —45 dB. *Harmonic Distortion*: less than 2%. *Inputs*: 2 mike, 2 auxiliary. *Outputs*: preamp, external speakers, stereo headphone jack. *Maximum Reel Size*: 7″. *Size*: 12½x15¾x7⅜″. *Power Requirement*: 110-120 V, 60 Hz AC.

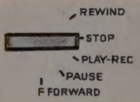
DELUXE FEATURES



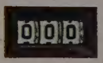
Large Easy-to-Read Dual-Comparison Level Meters

Front-Panel Stereo Headphone Jack for Private Listening

Record Interlock Button Prevents Accidental Erasure



Five-Position Function Control With Instant Stop



Push-to-Reset Digital Counter For Easy Editing